

BIOANALYTICAL METHODS

ASSAY LIST
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Lambda Therapeutic Research Limited &
Novum Pharmaceutical Research Services

Global Full-service CRO



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Recently Validated Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1	Cabotegravir	LC-MS/MS (API 3200)	Human Plasma	5 to 10000 ng/mL	K ₂ EDTA	India
2	Dihydralazine Hydralazine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL 0.3 to 50 ng/mL	Sodium Citrate	India
3	Eliglustat	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
4	Famotidine	LC-MS/MS (API 4000)	Human Plasma	1.2 to 300 ng/mL	K ₂ EDTA	India
5	Fexofenadine	LC-MS/MS (API 3200)	Human Plasma	5 to 400 ng/mL	K ₂ EDTA	India
6	Loratadine Desloratadine	LC-MS/MS (Shimadzu 8045)	Human Plasma	40 to 40000 pg/mL 25 to 10000 pg/mL	K ₂ EDTA	India
7	Medroxyprogesterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
8	Mexiletine	LC-MS/MS (API 4000)	Human Plasma	5 to 800 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1	Alendronate	LC-MS/MS (API 4000)	Human Urine	2 to 600 ng/mL	NA	India
2	2,3-Dinor-6-keto prostaglandin F1 α	LC-MS/MS (Shimadzu 8040)	Human Urine	0.5 to 25 ng/mL	NA	India
3	Alendronate	LC-MS/MS (API 4000)	Human Plasma	0.3 to 150 ng/mL	K ₂ EDTA	India
4	Alendronate	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 ng/mL	K ₂ EDTA	India
5	Alendronate	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.3 to 150 ng/mL	K ₂ EDTA	India
6	Alverine	LC-MS/MS (API 6500)	Human Plasma	10 to 7500 pg/mL	K ₂ EDTA	India
7	Amlodipine (R) Amlodipine (S)	LC-MS/MS (API 4000)	Human Plasma	0.1 to 5 ng/mL 0.1 to 7.5 ng/mL	K ₂ EDTA	India
8	Amlodipine (R) Amlodipine (S)	LC-MS/MS (API 4000)	Human Plasma	0.1 to 5 ng/mL 0.1 to 7.5 ng/mL	Sodium heparin	India
9	Amlodipine (R) Amlodipine (S)	LC-MS/MS (API 4000)	Human Plasma	0.05 to 5 ng/mL 0.05 to 7 ng/mL	K ₂ EDTA	India
10	Amphotericin B (free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
11	Amphotericin B (free) (Liposomal)	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
12	Amphotericin B Encapsulated	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.25 to 75 μ g/mL	K ₂ EDTA	India
13	Amphotericin B Encapsulated & Total	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 75 μ g/mL	K ₂ EDTA	India
14	Amphotericin B Encapsulated & Total	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 75 μ g/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
15	Amphotericin-B (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
16	Amphotericin-B (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
17	Anagrelide	LC-MS/MS (Thermo)	Human Plasma	0.05 to 10 ng/mL	K ₃ EDTA	India
18	Azelastine N-desmethyl Azelastine	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 pg/mL 7 to 500 pg/mL	K ₂ EDTA	India
19	5-Azacytidine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
20	5-Azacytidine	LC-MS/MS (Shimadzu 8060)	Human Plasma	3 to 500 ng/mL	Sodium heparin	India
21	Baclofen (R & S)	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
22	Beclomethasone Dipropionate Beclomethasone 17-propionate	LC-MS/MS (API 6500/6500+)	Human Plasma	10 to 6000 pg/mL 10 to 3000 pg/mL	Sodium Fluoride and Potassium Oxalate	India
23	Betahistine	LC-MS/MS (API 6500)	Human Plasma	7.5 to 2000 pg/mL	K ₂ EDTA	India
24	Bicalutamide (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
25	Bortezomib	LC-MS/MS (Thermo)	Rat Plasma	0.5 to 500 ng/mL	Sodium heparin	India
26	Bortezomib	LC-MS/MS (Waters QPXE)	Rat Plasma	2 to 8000 ng/mL	Sodium heparin	India
27	Budesonide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 4000 pg/mL	K ₂ EDTA	India
28	Budesonide	LC-MS/MS (Thermo)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India

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29	Budesonide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
30	Budesonide	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
31	Budesonide	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
32	Budesonide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
33	Budesonide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India
34	Budesonide	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India
35	Bupropion Hydroxy Bupropion Erythro hydro Bupropion Threo hydro Bupropion	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL 2 to 800 ng/mL 0.5 to 100 ng/mL 1.5 to 600 ng/mL	K ₂ EDTA	India
36	Bupropion Hydroxy Bupropion Erythro hydro Bupropion Threo hydro Bupropion	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL 2 to 1500 ng/mL 0.5 to 175 ng/mL 1.5 to 1000 ng/mL	K ₂ EDTA	India
37	Cabergoline	LC-MS/MS (API 6500)	Human Plasma	0.5 to 80 pg/mL	K ₃ EDTA	India
38	Calcitriol	LC-MS/MS (API 6500)	Human Plasma	10 to 300 pg/mL	K ₂ EDTA	India
39	Capecitabine 5-Deoxy-5-Fluorocytidine	LC-MS/MS (API 4000)	Human Plasma	10 to 8000 ng/mL 10 to 8000 ng/mL	K ₂ EDTA	India
40	Capecitabine 5-fluorouracil	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL 5 to 760 ng/mL	K ₂ EDTA	India
41	Capecitabine 5-Fluorouracil	LC-MS/MS (Thermo)	Human Plasma	10 to 10000 ng/mL 5 to 1000 ng/mL	K ₂ EDTA	India

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42	Carprofen	LC-MS/MS (API 3200)	Beagle Dog Plasma	0.5 to 100 µg/mL	K ₂ EDTA	India
43	Carvedilol	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
44	Carvedilol 4-Hydroxy Phenyl Carvedilol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL 0.05 to 5 ng/mL	K ₂ EDTA	India
45	Chlorpromazine 7-Hydroxy Chlorpromazine	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL 0.1 to 25 ng/mL	K ₂ EDTA	India
46	Citalopram (R & S) S- desmethyl citalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 25 ng/mL 0.25 to 15 ng/mL	Heparin	India
47	Citric Acid	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 1500 µg/mL	NA	India
48	Citric Acid	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 750 µg/mL	NA	India
49	Clonidine	LC-MS/MS (API 6500)	Human Plasma	2 to 800 ng/ml	K ₂ EDTA	India
50	Clonidine	LC-MS/MS (API 6500)	Human Plasma	2 to 250 pg/mL	K ₂ EDTA	India
51	Clonidine	LC-MS/MS (API 6500)	Human Plasma	5 to 2000 pg/mL	K ₂ EDTA	India
52	Clopidogrel	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 4000 pg/mL	Sodium heparin	India
53	Colesevelam (Equilibrium)	LC-MS/MS (Waters XEVO TQS)	NA	Glycocholic Acid- 0.023 to 13.007 mM, Glycochenodeoxycholic Acid-0.022 to 12.755 mM, Taurodeoxycholic Acid-0.008 to 4.250 mM	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
54	Colesevelam (Kinetic)	LC-MS/MS (Waters XEVO TQS)	NA	3.0mM Concentration- Glycocholic Acid-0.022 to 0.127 mM, Glycochenodeoxycholic Acid-0.022 to 0.128 mM, Taurodeoxycholic Acid-0.007 to 0.043 mM. 0.3mM Concentration- Glycocholic Acid-0.022 to 1.274 mM, Glycochenodeoxycholic Acid-0.022 to 1.275 mM, Taurodeoxycholic Acid-0.007 to 0.425 mM	NA	India
55	Copper Isochlorin-E4	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	India
56	Dabigatran [Total-(Conjugated+Unconjugated)]	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	Sodium Citrate	India
57	Dabigatran (Unconjugated)	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
58	Dabigatran (Unconjugated)	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
59	Dabigatran (Unconjugated)	LC-MS/MS (API 3200)	Sprague Dawley Rat plasma	5 to 10000 ng/mL	Sodium Citrate	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
60	Desmopressin	LC-MS/MS (API 6500+)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
61	Diazepam	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
62	D-Nebivolol L-Nebivolol	LC-MS/MS (Shimadzu 8045)	Human Plasma	15 to 2000 pg/mL 20 to 3000 pg/mL	Sodium heparin	India
63	Docetaxel	LC-MS/MS (Waters QPXE)	Beagle Dog Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
64	Docetaxel (free)	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 300 ng/mL	K ₂ EDTA	India
65	Docetaxel (free)	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
66	Doxorubicin (Encapsulated and Total) (Liposomal)	LC-MS/MS (Waters QPXE)	Human Plasma	2500 to 250000 ng/mL	K ₂ EDTA	India
67	Doxorubicin (Encapsulated and Total) (Liposomal)	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 25 µg/mL	K ₂ EDTA	India
68	Doxorubicin (Free) (Liposomal)	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 10000 ng/mL	K ₂ EDTA	India
69	Doxorubicin (Free) (Liposomal)	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 1800 ng/mL	K ₂ EDTA	India
70	Doxorubicin (Free)	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 750 ng/mL	K ₃ EDTA	India
71	Doxorubicinol	LC-MS/MS (API 6500)	Human Plasma	0.1 to 20 ng/mL	K ₃ EDTA	India
72	DPP IV (Gly pro)	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.6 to 50 µg/mL	Heparin	India
73	Dydrogesterone	LC-MS/MS (API 6500)	Human Plasma	50 to 5000 pg/mL	K ₂ EDTA	India

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74	Epinephrine (Low Aliquoting Volume)	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
75	Esomeprazole	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat plasma	2 to 15000 ng/mL	K ₂ EDTA	India
76	Estrone (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 60 ng/mL	K ₂ EDTA	India
77	Estrone (Total) Equilin (Total)	LC-MS/MS (API 6500)	Human Plasma	40 to 10000 pg/mL 40 to 10000 pg/mL	K ₃ EDTA	India
78	Ethinyl Estradiol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 200 pg/mL	K ₂ EDTA	India
79	Ethinyl Estradiol	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	India
80	Ethinyl Estradiol	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
81	Ethinyl Estradiol	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₃ EDTA	India
82	Ethinyl Estradiol	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
83	Ethinyl Estradiol	LC-MS/MS (API 4000)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
84	Ethinyl Estradiol	LC-MS/MS (Thermo)	Human Plasma	2 to 300 pg/mL	K ₂ EDTA	India
85	17 β-Estradiol	LC-MS/MS (Thermo)	Human Plasma	2 to 100 pg/mL	K ₂ EDTA	India
86	17 β-Estradiol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 600 pg/mL	K ₃ EDTA	India
87	17 β-Estradiol	LC-MS/MS (Thermo)	Human Plasma	2 to 800 pg/mL	K ₂ EDTA	India
88	17 β-Estradiol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India

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89	Estradiol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
90	17 β-Estradiol (Unconjugated) Estrone (Unconjugated)	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 250 pg/mL 3 to 1200 pg/mL	K ₂ EDTA	India
91	Epinephrine (Low Aliquoting Volume)	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
92	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	4 to 1500 pg/mL	K ₂ EDTA	India
93	Ezetimibe (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	Sodium heparin	India
94	Fat Analysis in fecal	FTIR	Human Fecal	0.5 to 10 g%	NA	India
95	Fat Analysis in fecal	FTIR	Human Fecal	0.5 to 15 g% total fat	NA	India
96	Fat analysis in food	FT-IR	Human food & cucumber pulp	1 to 6 g% total fat (expressed as triglyceride) Sample weigh: 0.5 g	NA	India
97	Fat analysis in food	FTIR	Cucumber pulp/ Whole Meal Food	1 to 6 g%	NA	India
98	Fat analysis in food	FT-IR	Cucumber pulp/ Whole Meal Food	0.75 to 6 g%	NA	India
99	Fesoterodine 5-Hydroxymethyl Tolterodine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 200 pg/mL 10 to 10000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
100	Fesoterodine 5-Hydroxymethyl Tolterodine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL 30 to 11000 pg/mL	K ₂ EDTA	India
101	Fingolimod	LC-MS/MS (API 4000)	Human Blood	25 to 3000 pg/mL	K ₂ EDTA	India
102	Fingolimod Phosphate	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
103	Fingolimod Phosphate	LC-MS/MS (Thermo)	Human Blood	75 to 4000 pg/mL	K ₂ EDTA	India
104	Fingolimod Phosphate	LC-MS/MS (API 6500)	Human Blood	20 to 1500 pg/mL	K ₂ EDTA	India
105	Fingolimod Phosphate	LC-MS/MS (API 6500)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
106	Fludrocortisone	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 3000 pg/mL	K ₂ EDTA	India
107	Fluticasone	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
108	Fluticasone Furoate	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	India
109	Fluticasone Propionate	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
110	Fluticasone Propionate	LC-MS/MS (API 6500)	Human Plasma	1.5 to 150 pg/mL	K ₂ EDTA	India
111	Fluvastatin (R & S)	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
112	Fluvastatin (R & S)	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	Heparin	India
113	Formoterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 150 pg/mL	K ₂ EDTA	India
114	Formoterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 60 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
115	Free DM1	LC-MS/MS (API 6500)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
116	Gestodene	LC-MS/MS (API 6500)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
117	Glucagon	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 10 ng/mL	K ₂ EDTA	India
118	Glycopyrronium	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 400 pg/mL	K ₂ EDTA	India
119	Glycopyrronium	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 1000 pg/mL	K ₂ EDTA	India
120	Goserelin	LC-MS/MS (API 6500)	Human Plasma	50 to 10000 pg/mL	K ₂ EDTA	India
121	Goserelin	LC-MS/MS (API 6500)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
122	Hydrocortisone	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
123	Ibandronate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	Heparin	India
124	Ibandronate	LC-MS/MS (API 4000)	Human Plasma	0.75 to 300 ng/mL	Heparin	India
125	Ibuprofen (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	Heparin	India
126	Ibuprofen (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 µg/mL	Sodium heparin	India
127	Ipratropium	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	India
128	Isotretinoin	LC-MS/MS (API 4000)	Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
129	Isotretinoin	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 600 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
130	Isotretinoin	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat Skin	0.75 to 500 ng/mL	NA	India
131	Isotretinoin	LC-MS/MS (Waters QPXE)	Rabbit Skin	0.75 to 500 ng/mL	NA	India
132	Ivermectin B1a Ivermectin B1b	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.25 to 200 ng/mL 25 to 4000 pg/mL	K ₂ EDTA	India
133	Ivermectin B1a* Ivermectin B1b*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 75 ng/mL 5 to 750 pg/mL	K ₂ EDTA	India
134	6-Keto prostaglandin F1α	LC-MS/MS (Shimadzu 8040)	Human Urine	0.125 to 10 ng/mL	NA	India
135	Latanoprost Acid	LC-MS/MS (Shimadzu 8060)	Human Plasma	100 to 1000 pg/mL	K ₂ EDTA	India
136	Lercanidipine (R& S)	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 pg/mL	Sodium heparin	India
137	Lercanidipine (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 ng/mL	Heparin	India
138	Lercanidipine (R & S)	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 16000 pg/mL	Sodium heparin	India
139	Levosambutamol (Levabuterol)	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 750 pg/mL	K ₂ EDTA	India
140	Levosambutamol (Levabuterol)	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 3000 pg/mL	K ₂ EDTA	India
141	Levothyroxin (T4)	LC-MS/MS (API 3200)	Human Serum	5 to 300 ng/mL	NA	India
142	Levothyroxin (T4)	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
143	Levothyroxin (T4)	LC-MS/MS (API 6500/6500+)	Human Serum	5 to 300 ng/mL	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
144	Liothyronine	LC-MS/MS (Thermo)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
145	Liothyronine	LC-MS/MS (Waters QPXE)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
146	L-Methylphenidate D-Methylphenidate	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 4000 pg/mL 100 to 20000 pg/mL	K ₂ EDTA	India
147	L-Methylphenidate D-Methylphenidate	LC-MS/MS (Shimadzu 8060)	Human Plasma	2.5 to 750 pg/mL 25 to 15000 pg/mL	Sodium Fluoride & Potassium Oxalate	India
148	L-Methylphenidate D-Methylphenidate	LC-MS/MS (API 4000)	Human Plasma	5 to 1500 pg/mL 50 to 20000 pg/mL	Sodium Fluoride & Potassium Oxalate	India
149	15-hydroxy lubiprostone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
150	15-hydroxy lubiprostone	LC-MS/MS (API 6500)	Human Plasma	1 to 300 pg/mL	K ₂ EDTA	India
151	Lurasidone Lurasidone 14283 Lurasidone 14326	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.1 to 30 ng/mL 25 to 5000 pg/mL	K ₂ EDTA	India
152	Medroxy Progesterone Acetate	LC-MS/MS (Thermo)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
153	Methotrexate (Encapsulated)	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	K ₃ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
154	Methotrexate (free)	LC-MS/MS (API 4000)	Human Plasma	0.05 to 75 ng/mL	K ₃ EDTA	India
155	Misoprostol Acid	LC-MS/MS (API 6500)	Human Plasma	5 to 750 pg/mL	K ₂ EDTA	India
156	Misoprostol Acid	LC-MS/MS (API 4000)	Human Plasma	10 to 1700 pg/mL	K ₂ EDTA	India
157	Misoprostol Acid	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
158	Nabilone	LC-MS/MS (Thermo)	Human Plasma	40 to 5000 pg/mL	K ₂ EDTA	India
159	New Chemical Entity-09	LC-MS/MS (Thermo)	Human Plasma	2 ng/mL	K ₂ EDTA	India
160	New Chemical Entity-10	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 ng/mL	K ₂ EDTA	India
161	New Chemical Entity-12	LC-MS/MS (API 4000)	Human Plasma	A1 & A2- 5 ng/mL, A3- 9 ng/mL & A4- 10 ng/mL	K ₂ EDTA	India
162	New Chemical Entity-16	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 ng/mL, 0.5 ng/mL	K ₂ EDTA	India
163	New Chemical Entity-17	LC-MS/MS (Shimadzu 8045)	Human Plasma	100 ng/mL, 11 ng/mL	K ₂ EDTA	India
164	Niacin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
165	Niacin	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
166	Niacin Nicotinuric acid	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
167	Nicotine	LC-MS/MS (API 6500)	Human Plasma	0.4 to 50 ng/mL	K ₂ EDTA	Canada
168	Nitrazepam	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
169	Nitrazepam	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	K ₂ EDTA	India
170	Nitroglycerin 1,3-di Nitroglycerin 1,2-di Nitroglycerin	LC-MS/MS (Shimadzu 8060)	Human Plasma	20 to 4000 pg/mL 40 to 8000 pg/mL 40 to 8000 pg/mL	K ₂ EDTA	India
171	Octreotide	LC-MS/MS (API 6500/6500+)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
172	Octreotide	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
173	Orlistat (Fat analysis)	FT-IR	Human Fecal/ Human Food	0.25 to 10 g %	NA	India
174	Oxazepam	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
175	Oxybutynin (S & R)	LC-MS/MS (API 4000)	Human Plasma	25 to 7500 pg/mL	K ₂ EDTA	India
176	Paclitaxel (Free)	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	Heparin	India
177	Paclitaxel (Free)	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
178	Paclitaxel (Free)	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1500 ng/mL	Sodium heparin	India
179	Paricalcitol	LC-MS/MS (Waters XEVOTQ-S)	Wistar Rat Plasma	50 to 30500 pg/mL	Sodium heparin	India
180	Phytonadione (Vitamin K1) (Trans) Phytonadione (Vitamin K1) (Cis)	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	0.4 to 100 ng/mL 0.3 to 25 ng/mL	K ₂ EDTA	India
181	Phytonadione (Vitamin K1) (Trans) Phytonadione (Vitamin K1) (Cis)	LC-MS/MS (API 6500)	UV light exposed human plasma, Human Plasma	0.4 to 100 ng/mL 0.3 to 25 ng/mL	K ₂ EDTA	India

Premium Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
182	Phytonadione (Vitamin K1) (Trans) Phytonadione (Vitamin K1) (Cis)	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/mL 1 to 100 ng/mL	K ₂ EDTA	India
183	4-Hydroxy Phenyl Carvedilol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 5 ng/mL	K ₂ EDTA	India
184	Prasugrel active metabolite (R-138727)	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	Canada
185	Prasugrel active metabolite (R-138727)	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
186	Prasugrel active metabolite (R-138727)	LC-MS/MS (API 4000)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
187	Prasugrel active metabolite (R-138727)	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
188	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (Thermo)	Human Plasma	0.25 to 127 ng/mL	K ₂ EDTA	Canada
189	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
190	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
191	Progesterone	LC-MS/MS (Thermo)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	India
192	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 150 ng/mL	K ₂ EDTA	India
193	Progesterone	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
194	Progesterone	LC-MS/MS (Thermo)	Human Plasma	50 to 60000 pg/mL	K ₂ EDTA	India
195	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 40 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
196	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 80 ng/mL	K ₂ EDTA	India
197	Progesterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 20000 pg/mL	K ₂ EDTA	India
198	R- Bicalutamide S- Bicalutamide	LC-MS/MS (API 3200)	Human Plasma	5 to 2500 ng/mL 4 to 1000 ng/mL	K ₂ EDTA	India
199	Raloxifene Raloxifene 4-glucuronide Raloxifene 6-glucuronide	LC-MS/MS (Thermo)	Human Plasma	20 to 1000 pg/mL 0.6 to 400 ng/mL 0.35 to 100 ng/mL	K ₂ EDTA	India
200	Raloxifene Raloxifene 4-glucuronide Raloxifene 6-glucuronide	LC-MS/MS (Thermo)	Human Plasma	20 to 1000 pg/ML 0.6 to 400 ng/mL 0.35 to 100 ng/mL	Heparin	India
201	Risedronate	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	30 to 80000 pg/mL	Sodium heparin	India
202	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 80 ng/mL	Heparin	India
203	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 160 ng/mL	Heparin	India
204	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 250 ng/mL	Heparin	India
205	Risedronate	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
206	Risedronate	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.05 to 150 ng/mL	Sodium heparin	India
207	Salmeterol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
208	Semaglutide	LC-MS/MS (API 6500)	Human Plasma	2 to 100 ng/mL	K ₂ EDTA	India
209	S-Oxybutynin R-Oxybutynin	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 2000 pg/ML 7.5 to 2000 pg/ML	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
210	S-Oxybutynin R-Oxybutynin	LC-MS/MS (Shimadzu 8045)	Human Plasma	20 to 5000 pg/mL 10 to 2500 pg/ML	K ₂ EDTA	India
211	S-Oxybutynin R-Oxybutynin	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 11000 pg/mL 20 to 7000 pg/mL	K ₂ EDTA	India
212	Tacrolimus	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 500 pg/mL	K ₂ EDTA	India
213	Teicoplanin component (A 3)	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
214	Teicoplanin components (A2-1, A2-2, A2-3, A2-4, and A2-5)	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
215	Temozolomide	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
216	Temozolomide Metabolite (MTIC)	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 600 ng/mL	Heparin	India
217	Testosterone Testosterone Undecanoate	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 30 ng/mL 2.5 to 1000 ng/mL	Sodium Fluoride & Disodium EDTA	India
218	Tetranor-PGEM	LC-MS/MS (API 4000)	Human Urine	1 to 50 ng/mL	NA	India
219	Thromboxane B2	LC-MS/MS (Shimadzu 8040)	Human Urine	0.2 to 20 ng/mL	Not applicable	India
220	Tiotropium*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.1 to 30 pg/mL	K ₂ EDTA	India
221	11-dehydro Thromboxane B2	LC-MS/MS (Shimadzu 8040)	Human Urine	0.1 to 20 ng/mL	NA	India
222	Tranlycypromine-S Tranlycypromine-R	LC-MS/MS (API 6500/6500+)	Human Plasma	0.5 to 200 ng/mL 0.15 to 75 ng/mL	K ₂ EDTA	India
223	Ursodiol (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 8010 ng/mL	K ₃ EDTA	India
224	Vilanterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	4 to 400 pg/mL	K ₂ EDTA	India
225	Vitamin D3	LC-MS/MS (Thermo)	Human Plasma & Artificial Matrix	0.25 to 20 ng/mL	K ₂ EDTA	India

Large Molecules/Therapeutic Proteins/Biosimilars



S.N.	Drug Name	Assay Platform	Matrix	Range	Anticoagulant	Location
1	PEG G-CSF	Sandwich ELISA	Human Serum	100 to 6400 pg/mL	NA	India
2	Adalimumab	Sandwich ELISA	Rabbit Serum	50 to 3200 ng/mL	NA	India
3	Adalimumab*	Sandwich ELISA	Human Serum	50 to 3200 ng/mL	NA	India
4	Bevacizumab	Sandwich ELISA	Human Serum	150 to 6000 ng/mL	NA	India
5	Bevacizumab*	LC-MS/MS (6500 QTRAP)	Human Serum	5 to 500 µg/mL	NA	India
6	Denosumab	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
7	GCSF	Sandwich ELISA	Human Serum	100 to 6400 pg/mL	NA	India
8	Glucagon	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 10 ng/mL	K ₂ EDTA	India
9	Nivolumab*	ECLIA (MSD)	Human Serum	200 to 5120 ng/mL	NA	India
10	Nivolumab	ECLIA (MSD)	Human serum	200 to 5120 ng/mL	NA	India
11	Pertuzumab*	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
12	Ranibizumab*	Sandwich ELISA	Human Serum	200 to 6400 pg/mL	NA	India
13	rHu-FSH	Electrochemiluminescence Immunoassay	Human Serum	0.156 to 20 mIU/mL	NA	India
14	Romiplostim*	Sandwich ELISA	Human Serum	0.04 to 5.00 ng/mL	NA	India
15	Teriparatide	Sandwich ELISA	Human Serum	10 to 400 pg/mL	NA	India
16	Teriparatide*	LC-MS/MS (6500 QTRAP)	Human Serum	5 to 500 pg/mL	NA	India
17	Trastuzumab	LC-MS/MS (6500 QTRAP)	Human Serum	5 to 500 µg/mL	NA	India
18	Trastuzumab (SC)	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
19	Vedolizumab	Sandwich ELISA	Human Serum	125 to 4000 ng/mL	NA	India
20	Trastuzumab Emtansine*	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
21	Total Trastuzumab* (Trastuzumab Emtansine)	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India

*: Developed method available

S.N.	Drug Name	Assay Platform	Matrix	Assay	Location
1	Adalimumab	ELISA	Rabbit Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
2	Aflibercept	ECLIA	Rabbit Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
3	Aflibercept	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
4	Aflibercept	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
5	Bevacizumab	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
6	Bevacizumab*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
7	Denosumab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
8	Denosumab	ELISA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
9	Daratumumab	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
10	Daratumumab*	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
11	Daratumumab*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
12	FSH	Cell based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
13	FSH	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
14	FSH*	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
15	GCSF	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
16	GCSF	Cell based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
17	Hyloronidase	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
18	HCG	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
19	LH*	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
20	Nivolumab	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
21	Nivolumab*	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
22	PEG-GCSF	Cell based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
23	PEG G-CSF	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
24	Pertuzumab	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
25	Pertuzumab	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India

S.N.	Drug Name	Assay Platform	Matrix	Assay	Location
26	Pembrolizumab (Preclinical)	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
27	Pembrolizumab*	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
28	Pembrolizumab*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
29	Ranibizumab	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
30	Ranibizumab*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
31	rH Hyaluronidase	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
32	Rituximab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
33	Romiplostim	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
34	Semaglutide	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
35	Teriperatide	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
36	Teriperatide	ELISA	Human Serum	Crossreactiity of anti-teriparatide antibody to native PTH	India
37	Teriperatide	Cell based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
38	Trastuzumab (sc formulation)	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
39	Trastuzumab (sc formulation)	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
40	TDM1 (Preclinical)	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
41	Trastuzumab (sc formulation)	ECLIA	mice serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
42	TDM1 ADA	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
43	TDM1 NAB	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
44	Trinbelimab	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India
45	Vedolizumab	ECLIA	Rabbit Serum	Anti-Drug Antibody Screening, Confirmatory and Titer Assays	India

*: *Developed method available*

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1	Abacavir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
2	Abacavir Lamivudine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 12000 ng/mL 25 to 6000 ng/mL	K ₂ EDTA	India
3	Abacavir Lamivudine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 10000 ng/mL 20 to 5000 ng/mL	K ₂ EDTA	India
4	Abacavir Lamivudine	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 6000 ng/mL 20 to 5000 ng/mL	K ₂ EDTA	India
5	Abiraterone	LC-MS/MS (Thermo)	Human Plasma	0.250 to 100 ng/mL	K ₂ EDTA	India
6	Abiraterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.500 to 250 ng/mL	K ₂ EDTA	India
7	Acalabrutinib Acalabrutinib Active Metabolite M27	LC-MS/MS (API 4000)	Human Plasma	5 to 1500 ng/mL 5 to 1500 ng/mL	K ₂ EDTA	India
8	Acamprosate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India
9	Acetazolamide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 µg/mL	K ₂ EDTA	India
10	Aceclofenac	LC-MS/MS (API 2000)	Human Plasma	75 to 22000 ng/mL	Sodium heparin	India
11	Acetaminophen Ibuprofen	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 10000 ng/mL 50 to 20000 ng/mL	K ₂ EDTA	India
12	Acetaminophen	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 13 µg/mL	K ₂ EDTA	Canada
13	Acetaminophen	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 13 µg/mL	K ₂ EDTA	Canada
14	Acetaminophen	LC-MS/MS (Thermo)	Human Plasma	25 to 10000 ng/mL	K ₂ EDTA	Canada
15	Acetyl salicylic acid Salicylic acid	LC-MS/MS (API 4000)	Human Plasma	2.5 to 500 ng/mL 100 to 6000 ng/mL	K ₂ EDTA	India
16	Acetyl salicylic acid	LC-MS/MS (API 4000)	Human Plasma	2.5 to 750 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
17	Acetyl salicylic acid Salicylic acid	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1500 ng/mL 150 to 10000 ng/mL	K ₂ EDTA	India
18	Acitretin 13-cis Acitretin	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 400 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
19	Acrivastine	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
20	Acyclovir	LC-MS/MS (Thermo)	Human Plasma	5 to 1600 ng/mL	Sodium heparin	India
21	Acyclovir	LC-MS/MS (Waters XEVO TQS)	Human Plasma	2 to 800 ng/mL	Sodium heparin	India
22	Acyclovir	LC-MS/MS (Thermo)	Human Plasma	5 to 1600 ng/mL	K ₂ EDTA	Canada
23	Afatinib	LC-MS/MS (API 4000)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
24	Albendazole Albendazole Sulfoxide	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 150 ng/mL 5 to 2500 ng/mL	K ₂ EDTA	India
25	Albendazole Albendazole sulfoxide	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 150 ng/mL 5 to 1500 ng/mL	K ₂ EDTA	India
26	Albuterol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 ng/mL	K ₂ EDTA	India
27	Alectinib	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
28	Alendronate*	LC-MS/MS (API 4000)	Human Urine	2 to 600 ng/mL	NA	India
29	Alendronate*	LC-MS/MS (API 4000)	Human Plasma	0.3 to 150 ng/mL	K ₂ EDTA	India
30	Alendronate*	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 ng/mL	K ₂ EDTA	India
31	Alendronate*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.3 to 150 ng/mL	K ₂ EDTA	India
32	Allopurinol	LC-MS/MS (API 3200)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
33	Allopurinol Oxypurinol	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 5000 ng/mL 50 to 10000 ng/mL	K ₂ EDTA	India
34	Allopurinol	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
35	Allopurinol	LC-MS/MS (API 3200)	Human Plasma	30 to 5000 ng/mL	K ₂ EDTA	India
36	Alogliptin	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
37	Alogliptin	LC-MS/MS (API 4000)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
38	Alogliptin	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
39	Alverine	LC-MS/MS (API 4000)	Human Plasma	20 to 7500 pg/mL	K ₂ EDTA	India
40	Alverine*	LC-MS/MS (API 6500)	Human Plasma	10 to 7500 pg/mL	K ₂ EDTA	India
41	Alverine	LC-MS/MS (Thermo)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	Canada
42	Amantadine	LC-MS/MS (Thermo)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
43	Amantadine	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1500 ng/mL	K ₂ EDTA	Canada
44	Amantadine	LC-MS/MS (Thermo)	Human Urine	20 to 3000 ng/mL	NA	Canada
45	Ambrisentan	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
46	Ambrisentan	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
47	Amlodipine	LC-MS/MS (API 4000)	Human Plasma	0.2 to 10 ng/mL	Sodium heparin	India
48	Amlodipine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.15 to 15 ng/mL	K ₂ EDTA	India
49	Amlodipine (R)* Amlodipine (S)*	LC-MS/MS (API 4000)	Human Plasma	0.1 to 5 ng/mL 0.1 to 7.5 ng/mL	K ₂ EDTA	India
50	Amlodipine (R)* Amlodipine (S)*	LC-MS/MS (API 4000)	Human Plasma	0.1 to 5 ng/mL 0.1 to 7.5 ng/mL	Sodium heparin	India
51	Amlodipine (R)* Amlodipine (S)*	LC-MS/MS (API 4000)	Human Plasma	0.05 to 5 ng/mL 0.05 to 7 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
52	Amlodipine Olmesartan	LC-MS/MS (API 4000)	Human Plasma	0.2 to 10 ng/mL 2.5 to 2200 ng/mL	K ₂ EDTA	India
53	Amlodipine Valsartan	LC-MS/MS (API 4000)	Human Plasma	0.1 to 7 ng/mL 50 to 8000 ng/mL	K ₂ EDTA	India
54	Amlodipine Valsartan	LC-MS/MS (API 4000)	Human Plasma	0.1 to 15 ng/mL 50 to 20000 ng/mL	K ₂ EDTA	India
55	Amlodipine Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 10 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
56	Amlodipine Telmisartan	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.15 to 10 ng / mL 2 to 1000 ng / mL	K ₂ EDTA	India
57	Amiloride	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 20 ng/mL	K ₂ EDTA	India
58	Amiodarone	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 1500 ng/mL	K ₂ EDTA	India
59	Amiodarone N-Desethyl Amiodarone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL 2 to 100ng/mL	K ₂ EDTA	India
60	Amitriptyline Nortriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 ng/mL 0.2 to 15 ng/mL	K ₂ EDTA	India
61	Amitriptyline Nortriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL 0.2 to 18 ng/mL	K ₂ EDTA	India
62	Amitriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 90 ng/mL	K ₂ EDTA	India
63	Amitriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
64	Amodiaquine N-desethyl Amodiaquine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL 2 to 500 ng/mL	K ₂ EDTA	India
65	Amoxicillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 35 µg/mL	K ₂ EDTA	India
66	Amoxicillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 µg/mL	K ₂ EDTA	India
67	Amoxicillin	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	75 to 35000 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
68	Amoxicillin Clavulanic acid	LC-MS/MS (API 4000)	Human Plasma	100 to 15000 ng/mL 5 to 2000 ng/mL	Sodium heparin	India
69	Amoxicillin Clavulanic acid	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 35000 ng/mL 10 to 3450 ng/mL	Sodium heparin	India
70	Amoxicillin	LC-MS/MS (API 3200)	Human Plasma	75 to 35000 ng/mL	Sodium heparin	India
71	Amphotericin-B	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
72	Amphotericin B	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	100 to 2000 pg/mL	K ₂ EDTA	India
73	Amphotericin-B (Total)	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 µg/mL	K ₂ EDTA	India
74	Amphotericin B (Free) (Liposomal)*	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
75	Amphotericin B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
76	Amphotericin B Encapsulated & Total*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 75 µg/mL	K ₂ EDTA	India
77	Amphotericin-B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
78	Amphotericin B Encapsulated & Total*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 75 µg/mL	K ₂ EDTA	India
79	Amphotericin B Encapsulated*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.25 to 75 µg/mL	K ₂ EDTA	India
80	Amphotericin-B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
81	Anastrozole	LC-MS/MS (API 3200)	Human Plasma	0.25 to 25 ng/mL	Sodium heparin	India
82	Anagrelide*	LC-MS/MS (Thermo)	Human Plasma	0.05 to 10 ng/mL	K ₃ EDTA	India
83	Apalutamide	LC-MS/MS (API 4000)	Human Plasma	15 to 2500 ng/mL	K ₂ EDTA	India
84	Apalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
85	Apixaban	LC-MS/MS (Thermo)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
86	Apixaban	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India
87	Apovincaminic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
88	Apovincaminic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 180 ng/mL	K ₂ EDTA	India
89	Apremilast	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
90	Aripiprazole Dehydro aripiprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL 0.1 to 50 ng/mL	K ₂ EDTA	India
91	Aripiprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
92	Aripiprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL	K ₂ EDTA	India
93	Aripiprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
94	Artemether Dihydroartemisinin	LC-MS/MS (API 4000)	Human Plasma	2 to 200 ng/mL 2 to 250ng/mL	K ₂ EDTA	India
95	AT-1965	LC-MS/MS (API 6500)	Human Plasma	50 to 99985.600 ng/mL	Sodium heparin	Canada
96	Atazanavir	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
97	Atazanavir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
98	Atazanavir	LC-MS/MS (API 4000)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
99	Atenolol	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 1600 ng/mL	K ₂ EDTA	India
100	Atenolol	LC-MS/MS (API 4000)	Human Plasma	2.5 to 600 ng/mL	K ₂ EDTA	India
101	Atenolol Nifedipine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL 0.5 to 150 ng/mL	K ₂ EDTA	India
102	Atorvastatin O-Hydroxy Atorvastatin P-Hydroxy Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL 0.1 to 40 ng/mL 0.05 to 20 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
103	Atorvastatin O-Hydroxy Atorvastatin P-Hydroxy Atorvastatin	LC-MS/MS (API 4000)	Human Plasma	0.3 to 300 ng/mL 0.25 to 150 ng/mL 0.05 to 15 ng/mL	K ₂ EDTA	India
104	Atorvastatin O-Hydroxy Atorvastatin P-Hydroxy Atorvastatin	LC-MS/MS (API 4000)	Human Plasma	0.3 to 125 ng/mL 0.25 to 70 ng/mL 0.05 to 6 ng/mL	K ₂ EDTA	India
105	Atorvastatin	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
106	Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 60 ng/mL	K ₂ EDTA	India
107	Atorvastatin	LC-MS/MS (API 3200)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
108	Atorvastatin	LC-MS/MS (API 4000)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
109	Atorvastatin	LC-MS/MS (API 6500)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	India
110	Atovaquone	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
111	Atovaquone	LC-MS/MS (API 3200)	Human Plasma	30 to 7500 ng/mL	K ₂ EDTA	India
112	Atovaquone	LC-MS/MS (API 4000)	Human Plasma	100 to 20000 ng/mL	K ₂ EDTA	India
113	Atovaquone	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
114	Avatrombopag	LC-MS/MS (API 6500)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
115	5-Azacytidine*	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
116	5-Azacytidine*	LC-MS/MS (Shimadzu 8060)	Human Plasma	3 to 500 ng/nL	Sodium heparin	India
117	Azathioprine	LC-MS/MS (Thermo)	Human Plasma	0.15 to 50 ng/mL	K ₂ EDTA	India
118	Azelastine* N-desmethyl Azelastine*	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 pg/mL 7 to 500 pg/mL	K ₂ EDTA	India
119	Azithromycin	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
120	Azithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
121	Azithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 1010 ng/mL	K ₂ EDTA	India
122	Azithromycin	LC-MS/MS (API 3200)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
123	Alectinib	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	Canada
124	Alectinib	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	Canada
125	Alectinib	LC-MS/MS (API 4000)	Human Plasma	1 to 175 ng/mL	K ₂ EDTA	India
126	Alectinib Alectinib M4 Metabolite	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL 0.5 to 300 ng/mL	K ₂ EDTA	India
127	Alendronate Anastrozole	LC-MS/MS (API 3000)	Human Urine Human Plasma	1 to 256 ng/mL 0.1 to 26 ng/mL	NA K ₂ EDTA	Canada
128	Amitriptyline Nortriptyline	LC-MS/MS (API 3000)	Human Plasma	0.4 to 51 ng/mL	K ₂ EDTA	Canada
129	Amlodipine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 13 ng/mL	K ₃ EDTA	Canada
130	D-Amphetamine L-Amphetamine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 ng/mL 0.15 to 30 ng/mL	K ₂ EDTA	Canada
131	Amphotericin B	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	Canada
132	Apixaban	LC-MS/MS (API 6500)	Human Plasma	0.251 to 301.631 ng/mL	K ₂ EDTA	Canada
133	Atazanavir	LC-MS/MS (Thermo)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	Canada
134	Atomoxetine	LC-MS/MS (Thermo)	Human Plasma	0.500 to 500 ng/mL	K ₂ EDTA	Canada
135	Atomoxetine	LC-MS/MS (Thermo)	Human Plasma	2.5 to 2500 ng/mL	K ₂ EDTA	Canada
136	Atomoxetine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
137	Atomoxetine 4-Hydroxyatomoxetine N-Desmethylatomoxetine	LC-MS/MS (Thermo)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
138	Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.3 to 300 ng/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
139	Atorvastatin o-hydroxyatorvastatin p-hydroxyatorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.4 to 102 ng/mL 0.4 to 102.5 ng/mL 0.04 to 10 ng/mL	K ₂ EDTA	Canada
140	Atorvastatin o-hydroxyatorvastatin p-hydroxyatorvastatin Atorvastatin Lactone o-Hydroxy Atorvastatin Lactone p-Hydroxy Atorvastatin Lactone	LC-MS/MS (Thermo)	Dog Plasma	0.25 to 2500 ng/mL 0.25 to 500 ng/mL 0.25 to 500 ng/mL 0.5 to 2500 ng/mL 0.5 to 250 ng/mL 0.5 to 250 ng/mL	K ₂ EDTA	Canada
141	Atorvastatin o-hydroxyatorvastatin p-hydroxyatorvastatin Atorvastatin Lactone o-Hydroxy Atorvastatin Lactone p-Hydroxy Atorvastatin Lactone	LC-MS/MS (Thermo)	Dog Plasma	10 to 2500 ng/mL 1 to 250 ng/mL 1 to 250 ng/mL 10 to 2500 ng/mL 1 to 250 ng/mL 1 to 250 ng/mL	K ₂ EDTA	Canada
142	Atorvastatin o-Hydroxy Atorvastatin p-Hydroxy Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	10 to 15000 pg/mL 10 to 10000 pg/mL 10 to 5000 pg/mL	K ₂ EDTA	Canada
143	Atorvastatin o-Hydroxy Atorvastatin p-Hydroxy Atorvastatin Glimepiride	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL 0.1 to 40 ng/mL 0.05 to 20 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	Canada
144	Atorvastatin o-Hydroxy Atorvastatin p-Hydroxy Atorvastatin	Ab Sciex 6500	Human Plasma	100 to 39995pg/mL 100 to 39998pg/mL 50 to 20000 pg/mL	K ₂ EDTA	Canada
145	Axitinib	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	Canada
146	Azilsartan	LC-MS/MS (API 3200)	Human Plasma	100 to 1500 ng/mL	K ₂ EDTA	India
147	Azilsartan Chlorthalidone	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 10000 ng/mL 4 to 700 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
148	Azithromycin	LC-MS (API 150)	Human Plasma	5 to 1280 ng/mL	Sodium heparin	Canada
149	Baclofen (R & S) *	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
150	Baclofen	LC-MS/MS (API 6500)	Human Plasma	5 to 999.542 ng/mL	K ₂ EDTA	Canada
151	Baclofen	LC-MS/MS (API 4000)	Human Plasma	5 to 750 ng/mL	K ₂ EDTA	India
152	Baricitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
153	Betamethasone Betamethasone Acetate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	Canada
154	Betamethasone Phosphate	LC-MS/MS (Thermo)	Human Plasma	2 to 500ng/mL	K ₂ EDTA	Canada
155	Bosutinib	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
156	Barnidipine	LC-MS/MS (Thermo)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	Canada
157	Barnidipine	LC-MS/MS (Thermo)	Human Plasma	15 to 7000 pg/mL	K ₂ EDTA	Canada
158	R-Baclofen	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	Canada
159	R-Baclofen S-Baclofen	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	Canada
160	R-Baclofen S-Baclofen	LC-MS/MS (Thermo)	Human Urine	2 to 2000 ng/mL	NA	Canada
161	Betamethasone Betamethasone Acetate Betamethasone Phosphate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 128 ng/mL 0.5 to 128 ng/mL 2 to 512 ng/mL	K ₂ EDTA	Canada
162	Beclomethasone Dipropionate* Beclomethasone 17-propionate*	LC-MS/MS (API 6500/6500+)	Human Plasma	10 to 6000 pg/mL 10 to 3000 pg/mL	Sodium Fluoride and Potassium Oxalate	India
163	Bempedoic Acid Bempedoic Acid Impurity 1	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 40000 ng/mL 10 to 2500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
164	Bempedoic Acid Bempedoic Acid Impurity 1	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 40000 ng/mL 20 to 2500 ng/mL	K ₂ EDTA	India
165	Benazepril Benazeprilat	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2500 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
166	Benazepril Benazeprilat	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL 0.5 to 500 ng/mL	K ₂ EDTA	India
167	Bendroflumethiazide	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
168	Bendroflumethiazide Bendroflumethiazide impurity	LC-MS/MS (Thermo)	Human Plasma	0.1 to 70 ng/mL 0.1 to 15 ng/mL	K ₂ EDTA	India
169	Benzbromarone 6-Hydroxy benzbromarone	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL 10 to 3000 ng/mL	K ₂ EDTA	India
170	Benzhexol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.02 to 20 ng/mL	K ₂ EDTA	India
171	Bestatin	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
172	Betahistine*	LC-MS/MS (API 6500)	Human Plasma	7.5 to 2000 pg/mL	K ₂ EDTA	India
173	Bexarotene	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
174	Bezafibrate	LC-MS/MS (API 4000)	Human Plasma	80 to 22000 ng/mL	K ₂ EDTA	India
175	Bezafibrate	LC-MS/MS (API 4000)	Human Plasma	20 to 22000 ng/mL	K ₂ EDTA	India
176	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	10 to to 1000 ng/mL	Heparin	India
177	Bicalutamide	LC-MS/MS (API 3200)	Human Plasma	25 to 4500 ng/mL	K ₂ EDTA	India
178	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	50 to 2000 ng/mL	K ₂ EDTA/Heparin	India
179	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	100 to 5000 ng/mL	K ₂ EDTA	India
180	Bicalutamide (R & S) *	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
181	R- Bicalutamide* S- Bicalutamide*	LC-MS/MS (API 3200)	Human Plasma	5 to 2500 ng/mL 4 to 1000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
182	Bictegravir	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 12000 ng/mL	K ₂ EDTA	India
183	Bilastine	LC-MS/MS (API 4000)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
184	Bisoprolol	LC-MS/MS (API 3200)	Human Plasma	0.5 to 80 ng/mL	K ₂ EDTA	India
185	Bisoprolol	LC-MS/MS (API 4000)	Human Plasma	0.25 to 40 µg/mL	K ₂ EDTA	India
186	Bisoprolol	LC-MS/MS (API 3200)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
187	Bosentan	LC-MS/MS (API 3200)	Human Plasma	5 to 6000 ng/mL	K ₂ EDTA	India
188	Bosentan	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
189	Bortezomib*	LC-MS/MS (Thermo)	Rat Plasma	0.5 to 500 ng/mL	Sodium heparin	India
190	Bortezomib*	LC-MS/MS (Waters QPXE)	Rat Plasma	2 to 8000 ng/mL	Sodium heparin	India
191	Brexipiprazole	LC-MS/MS (Thermo)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
192	Brexipiprazole	LC-MS/MS (Thermo)	Human Plasma	0.5 to 120 ng/mL	K ₂ EDTA	India
193	Brivaracetam	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	K ₂ EDTA	India
194	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 4000 pg/mL	K ₂ EDTA	India
195	Budesonide*	LC-MS/MS (Thermo)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
196	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
197	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
198	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
199	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
200	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
201	Budesonide	LC-MS/MS (API 6500)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	Canada
202	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 pg/mL	K2EDTA	India
203	Buspirone	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 30000 pg/mL	K ₂ EDTA	India
204	Buspirone 1-(2-Pyrimidyl) Piperazine	LC-MS/MS (API 300 or 3000)	Human Plasma	0.02 to 10 ng/mL 0.2 to 25 ng/mL	Sodium heparin	Canada
205	Buspirone 1-(2-Pyrimidyl) Piperazine	LC-MS/MS (API 3000)	Human Plasma or Mouse Plasma	0.4 to 77 ng/mL 1.6 to 307.2 ng/mL	K ₃ EDTA	Canada
206	Buspirone 1-(2-Pyrimidyl) Piperazine	LC-MS/MS (API 3000)	Human Plasma or Mouse Plasma or Rat Plasma or Dog Plasma	0.05 to 10 ng/mL 0.2 to 38 ng/mL	Sodium heparin	Canada
207	Buspirone 1-(2-Pyrimidyl) Piperazine	LC-MS/MS (API 300 or 3000)	Human Plasma or Rat Plasma or Dog Plasma	0.4 to 50 ng/mL	Heparin	Canada
208	Buspirone 1-(2-Pyrimidyl) Piperazine 6-Hydroxybuspirone	LC-MS/MS (API 3000)	Human Plasma	0.04 to 10 ng/mL 0.15 to 40 ng/mL 0.625 to 160 ng/mL	Sodium heparin	Canada
209	Bupropion Bupropion Erythroamino Alcohol Bupropion Threoamino Alcohol Hydroxybupropion	LC-MS/MS (API 3000)	Human Plasma or Rat Plasma	1 to 1023 ng/mL 1 to 1024 ng/mL 1 to 1024 ng/mL 3 to 4000 ng/mL	Sodium heparin	Canada
210	Bupropion Bupropion Erythroamino Alcohol Bupropion Threoamino Alcohol Hydroxybupropion	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL 1 to 512 ng/mL 1 to 512 ng/mL 4 to 2000 ng/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
211	Bupropion Bupropion Erythroamino Alcohol Bupropion Threoamino Alcohol Hydroxybupropion	LC-MS/MS (API 3000)	Human Urine	16 to 1024 ng/mL 16 to 1024 ng/mL 16 to 1024 ng/mL 62.5 to 4000 ng/mL	NA	Canada
212	Bupropion Bupropion Erythroamino Alcohol Bupropion Threoamino Alcohol Hydroxybupropion	LC-MS/MS (Thermo)	Rat Plasma	5 to 5120 ng/mL 1 to 1024 ng/mL 1 to 1024 ng/mL 2 to 2048 ng/mL	Sodium heparin	Canada
213	Buprenorphine Norbuprenorphine	LC-MS/MS (API 3000)	Human Plasma or Dog Plasma	0.1 to 25 ng/mL	Sodium heparin	Canada
214	Buprenorphine Norbuprenorphine	LC-MS/MS (API 6500)	Human Plasma	25 to 10000 pg/mL 50 to 10000 pg/mL	Sodium heparin	Canada
215	Bupropion	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
216	Bupropion	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
217	Bupropion	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
218	Bupropion	LC-MS/MS (API 3200)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
219	Bupropion Hydroxybupropion	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
220	Bupropion* Hydroxy Bupropion* Erythro hydro Bupropion* Threo hydro Bupropion*	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL 2 to 800 ng/mL 0.5 to 100 ng/mL 1.5 to 600 ng/mL	K ₂ EDTA	India
221	Bupropion Hydroxy Bupropion Erythro Hydro Bupropion Threo Hydro Bupropion	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/mL 2 to 1500 ng/mL 0.5 to 176 ng/mL 1.5 to 1000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
222	Bupropion Hydroxy Bupropion Erythro Hydro Bupropion Threo Hydro Bupropion	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 500 ng/mL 2 to 1500 ng/mL 0.5 to 175 ng/mL 1.5 to 1000 ng/mL	K ₂ EDTA	India
223	Bupropion* Hydroxy Bupropion* Erythro hydro Bupropion* Threo hydro Bupropion*	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL 2 to 1500 ng/mL 0.5 to 175 ng/mL 1.5 to 1000 ng/mL	K ₂ EDTA	India
224	Cabazitaxel (Total)	LC-MS/MS (Waters QPXE)	Human/Dog Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
225	Cabazitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	0.75 to 500 ng/mL	K ₂ EDTA	India
226	Cabazitaxel	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
227	Cabazitaxel (Free)	LC-MS/MS (Thermo)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	India
228	Cabergoline*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 80 pg/mL	K ₃ EDTA	India
229	Cabozantinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
230	Cabozantinib	LC-MS/MS (API 3200)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
231	Cabozantinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1400 ng/mL	K ₂ EDTA	India
232	Cabotegravir	LC-MS/MS (API 3200)	Human Plasma	5 to 10000 ng/mL	K ₂ EDTA	India
233	Calcitriol*	LC-MS/MS (API 6500)	Human Plasma	10 to 300 pg/mL	K ₂ EDTA	India
234	Caffeine Ibuprofen	LC-MS/MS (API 4000)	Human Plasma	0.02 to 5 µg/mL 0.5 to 120 µg/mL	K ₂ EDTA	India
235	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 750 ng/mL	K ₂ EDTA	India
236	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 350 ng/mL	K ₂ EDTA	India
237	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 160 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
238	Candesartan	LC-MS/MS (API 3200)	Human Plasma	5 to 750 ng/ml	K ₂ EDTA	India
239	Candesartan	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
240	Candesartan Hydrochlorothiazide	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 800 ng/mL 1 to 500 ng/mL	K ₂ EDTA	India
241	Cannabidiol Tetrahydro Cannabinol	LC-MS/MS (API 6500)	Human Plasma	5-1000 ng/mL	K ₂ EDTA	Canada
242	Capecitabine	LC-MS/MS (API 4000)	Human Plasma	10 to 12000 ng/mL	K ₂ EDTA	India
243	Capecitabine 5-Deoxy-5-Fluorocytidine	LC-MS/MS (API 4000)	Human Plasma	10 to 8000 ng/mL 10 to 8000 ng/mL	K ₂ EDTA	India
244	Capecitabine* 5-fluorouracil*	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL 5 to 760 ng/mL	K ₂ EDTA	India
245	Capecitabine* 5-Fluorouracil*	LC-MS/MS (Thermo)	Human Plasma	10 to 10000 ng/mL 5 to 1000 ng/mL	K ₂ EDTA	India
246	Captopril	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
247	Carbamazepine	LC-MS/MS (API 3200)	Human Plasma	50 to 7000 ng/mL	K ₂ EDTA	India
248	Carbamazepine	LC-MS/MS (API 2000)	Human Plasma	0.5 to 20 µg/mL	K ₂ EDTA	India
249	Carbamazepine C 10, 11- Epoxide Metabolite	LC-MS/MS (API 2000)	Human Plasma	100 to 7000 ng/mL 5 to 500 ng/mL	K ₂ EDTA	India
250	Carbamazepine 10, 11- Epoxide	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 500 ng/mL	K ₂ EDTA	India
251	Carbidopa	LC-MS/MS (Thermo)	Human Plasma	0.7 to 230 ng/mL	K ₂ EDTA	India
252	Cariprazine	LC-MS/MS (Shimadzu 8045)	Human Plasma	20 to 5000 pg/mL	K ₂ EDTA	India
253	Carprofen*	LC-MS/MS (API 3200)	Beagle Dog Plasma	0.5 to 100 µg/mL	K ₂ EDTA	India
254	Carvedilol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
255	Carvedilol O-Desmethylcarvedilol 4'-Hydroxyphenyl carvedilol 5'-Hydroxyphenyl carvedilol	LC-MS/MS (Thermo)	Human Plasma	1 to 128 ng/mL 0.2 to 25 ng/mL 0.2 to 25 ng/mL 0.2 to 25 ng/mL	K ₂ EDTA	Canada
256	Carvedilol* 4-Hydroxy Phenyl Carvedilol*	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL 0.05 to 5 ng/mL	K ₂ EDTA	India
257	Carvedilol* 4-Hydroxy Phenyl Carvedilol*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL 0.05 to 5 ng/mL	K ₂ EDTA	India
258	Cefixime	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
259	Cefixime	LC-MS/MS (Waters QPXE)	Human Plasma	0.025 to 9 µg/mL	K ₂ EDTA	India
260	Cefpodoxime	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	India
261	Cefuroxime	LC-MS/MS (Waters QPXE)	Human Plasma	0.025 to 7.5 µg/mL	K ₂ EDTA	India
262	Cefuroxime	LC-MS/MS (Thermo)	Human Plasma	100 to 20135 ng/mL	K ₂ EDTA	Canada
263	Cefuroxime	LC-MS/MS (API 3200)	Human Plasma	0.025 to 15 µg/mL	K ₂ EDTA	India
264	Celecoxib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4000 ng/mL	Heparin	India
265	Celecoxib	LC-MS/MS (AB SCIEX API 6500)	Human Plasma	5 to 4004 ng/mL	K ₂ EDTA	Canada
266	Celecoxib	LC-MS/MS (API 3000)	Human Plasma	20 to 2560 ng/mL	K ₂ EDTA	Canada
267	Cephalexin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
268	Cetirizine	LC-MS/MS (API 3000)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
269	Cetirizine Pseudoephedrine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL 5 to 1500 ng/mL	K ₂ EDTA	Canada
270	Cetirizine	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 600 ng/mL	Sodium heparin	India
271	Cetirizine	LC-MS/MS (API 3200)	Human Plasma	5 to 500 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
272	Cetyl pyridinium chloride	LC-MS/MS (API 4000)	Human plaque	10 to 5000 ng/mL	N/AP	India
273	CG-P5 (Peptide)	LC-MS/MS (API 6500)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	Canada
274	Chlorpheniramine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 51 ng/mL	K ₂ EDTA	Canada
275	Chlorpromazine	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
276	Chlorpromazine* 7-Hydroxy Chlorpromazine*	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL 0.1 to 25 ng/mL	K ₂ EDTA	India
277	Chlorthalidone	LC-MS/MS (Thermo)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	Canada
278	Chlorzoxazone	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	Canada
279	Chlorzoxazone	LC-MS/MS (API 3200)	Human Plasma	100 to 5000 ng / mL	K ₂ EDTA	India
280	Cilazapril Cilazaprilat	LC-MS/MS (API 3000)	Human Plasma	1 to 256 ng/mL 0.25 to 64 ng/mL	K ₃ EDTA	Canada
281	Cilazapril Cilazaprilat	LC-MS/MS (API 3000)	Human Plasma	4 to 1024 ng/mL 1 to 256 ng/mL	K ₃ EDTA	Canada
282	Cilostazol	LC-MS/MS (API 2000)	Human Plasma	10 to 2000 ng/mL	K ₂ EDTA	India
283	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	Heparin	India
284	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	Heparin	India
285	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 10000 ng/mL	Heparin	India
286	Cinacalcet	LC-MS/MS (API 3200)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
287	Cinacalcet	LC-MS/MS (API 3200)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
288	Cinacalcet	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
289	Cinacalcet	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
290	Ciprofibrate	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 60 µg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
291	Ciprofloxacin	LC-MS/MS (THERMO)	Human Plasma	50 to 4000 ng/mL	K ₃ EDTA	Canada
292	Citalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng / mL	K ₂ EDTA	India
293	Citalopram (R & S)* S- desmethyl citalopram*	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 25 ng/mL 0.25 to 15 ng/mL	Heparin	India
294	S-citalopram	LC-MS/MS (Shimadzu 8040)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
295	S-citalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
296	S-citalopram S- desmethyl citalopram	LC-MS/MS (API 3200)	Human Plasma	0.25 to 50 ng/mL 0.125 to 8 ng/mL	K ₂ EDTA	India
297	S-citalopram S- desmethyl citalopram	LC-MS/MS (API 3200)	Human Plasma	0.25 to 50 ng/mL 0.125 to 25 ng/mL	Heparin	India
298	S-Citalopram S-Demethylcitalopram	LC-MS/MS (API 3000)	Human Plasma	0.25 to 64 ng/mL 0.05 to 13 ng/mL	Sodium heparin	Canada
299	Citalopram Chiral (R and S) Demethylcitalopram (R and S) Didemethylcitalopram (S)	LC-MS/MS (API 3000)	Human Plasma	0.25 to 64 ng/mL 0.2 to 51 ng/mL 0.2 to 51 ng/mL	Sodium heparin	Canada
300	Citalopram Demethylcitalopram Didemethylcitalopram	LC-MS/MS (API 3000)	Human Plasma	0.25 to 32 ng/mL 0.05 to 6 ng/mL 0.05 to 6 ng/mL	Sodium heparin	Canada
301	Citalopram Demethylcitalopram Didemethylcitalopram	LC-MS/MS (API 3000)	Human Plasma	0.25 to 64 ng/mL 0.05 to 12 ng/mL 0.05 to 13 ng/mL	Sodium heparin	Canada
302	Citalopram Demethylcitalopram Didemethylcitalopram	LC-MS/MS (Thermo)	Human Plasma	0.251 to 128 ng/mL 0.126 to 64 ng/mL 0.025 to 13 ng/mL	Sodium heparin	Canada
303	Citric Acid*	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 1500 µg/mL	NA	India
304	Citric Acid*	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 750 µg/mL	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
305	Cladribine	LC-MS/MS (API 6500)	Human Plasma	0.1 to 60.266 ng/mL	Sodium heparin	Canada
306	Cladribine	LC-MS/MS (Waters XEVO TQS)	Human Plasma	0.25 to 200 ng/mL	Sodium heparin	India
307	Clarithromycin	LC-MS/MS (API 300 or 3000)	Human Plasma	20 to 5120 ng/mL	Sodium heparin	Canada
308	Clarithromycin 14- hydroxy Clarithromycin	LC-MS/MS (API 3200)	Human Plasma	10 to 5000 ng/mL 10 to 2000 ng/mL	K ₂ EDTA	India
309	Clascoterone	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.04 to 25 ng/mL	K ₂ EDTA	India
310	Clavulanic acid	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 5000 ng/mL	Sodium heparin	India
311	Clavulanic acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 7000 ng/mL	Sodium heparin	India
312	Clavulanic Acid	LC-MS/MS (API 300 or 3000)	Human Plasma	25 to 1600 ng/mL	Sodium heparin	Canada
313	Clindamycin	LC-MS/MS (API 2000)	Human Plasma	50 to 8000 ng/mL	K ₂ EDTA	India
314	Clindamycin	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 7015 ng/mL	K ₂ EDTA	India
315	Clobazam	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
316	Clobazam	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	Canada
317	Clobazam N-desmethyl clobazam	LC-MS/MS (Thermo)	Human Plasma	5 to 600 ng/mL 5 to 500 ng/mL	K ₂ EDTA	India
318	Clobazam N-desmethyl clobazam	LC-MS/MS (API 4000)	Human Plasma	2 to 400 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
319	Clobazam N-Desmethyl Clobazam	LC-MS/MS (Thermo)	Human Plasma	5 to 600 ng/mL 5 to 500 ng/mL	K ₂ EDTA	Canada
320	Clonazepam	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 51 ng/mL	Sodium heparin	Canada
321	Clonidine	LC-MS/MS (Thermo)	Human Plasma	0.03 to 2 ng/mL	K ₂ EDTA	Canada
322	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	2 to 800 ng/ml	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
323	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	2 to 250 pg/mL	K ₂ EDTA	India
324	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	5 to 2000 pg/mL	K ₂ EDTA	India
325	Clopidogrel Thiol	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	Canada
326	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	20 to 4000 pg/mL	Heparin	India
327	Clopidogrel	LC-MS/MS (API 6500)	Human Plasma	5 to 3000 pg/mL	Sodium heparin	India
328	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 pg/mL	Sodium heparin	India
329	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
330	Clopidogrel	LC-MS/MS (API 6500)	Human Plasma	5 to 4000 pg/mL	Sodium heparin	India
331	Clopidogrel	LC-MS/MS (Thermo)	Human Plasma	0.05 to 51 ng/mL	Sodium heparin	Canada
332	Clopidogrel Carboxy acid	LC-MS/MS (API 2000)	Human Plasma	30 to 5000 ng/mL	Heparin	India
333	Clopidogrel Carboxylic Acid	LC-MS/MS (Thermo)	Human Plasma	0.049 to 25 µg/mL	K ₂ EDTA	Canada
334	Clopidogrel*	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 4000 pg/mL	Sodium heparin	India
335	Clozapine	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
336	Clozapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	K ₂ EDTA	India
337	Clozapine N-Desmethyl clozapine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
338	Codeine	LC-MS/MS (Thermo)	Human Plasma	0.7 to 400 ng/mL	K ₂ EDTA	Canada
339	Codeine Caffeine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 250ng/mL 25 to 2500ng/mL	K ₂ EDTA	Canada
340	Colchicine	LC-MS/MS (API 4000)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
341	Copper Isochlorin-E4*	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
342	Crisaborole	LC-MS/MS (Thermo)	Human Plasma	0.05 to 100 ng/mL	K ₂ EDTA	Canada
343	Cyclizine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
344	Cyclophosphamide	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
345	Cyclophosphamide	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
346	Cycloserine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
347	Cyclosporine	LC-MS/MS (API 4000)	Human Blood	10 to 1000 ng/mL	K ₂ EDTA	India
348	Cyproterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 40 ng/mL	K ₂ EDTA	India
349	Cyproterone Acetate Ethinyl Estradiol	LC-MS/MS (API 3000)	Human Plasma	0.3 to 25 ng/mL 15 to 1280 pg/mL	Lithium heparin	Canada
350	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
351	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
352	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
353	Dabigatran* [Total- (Conjugated + Unconjugated)]	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	Sodium Citrate	India
354	11-dehydro Thromboxane B2*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.1 to 20 ng/mL	NA	India
355	17-Desacetyl Norgestimate	LC-MS/MS (API 4000)	Human Plasma	0.05 to 7.5 ng/mL	K ₂ EDTA	India
356	2,3-Dinor-6-keto prostaglandin F1α*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.5 to 25 ng/mL	NA	India
357	3 De-Methylthiocholchicine 3-O- β -D-Glucuronide	LC-MS/MS (API 4000)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
358	3-Demethyl Thiocolchicine 3-demethylthiocolchicine 3-O-β-D-Glucuronide	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.05 to 30 ng/mL 0.25 to 150 ng/mL	K ₂ EDTA	India
359	Dabigartan Free	LC-MS/MS (Thermo)	Human Plasma	1.018 to 300.221 ng/mL	Sodium Citrate	Canada
360	Dabigartan Total	LC-MS/MS (Thermo)	Human Plasma	1.004 to 501.3471 ng/mL	Sodium Citrate	Canada
361	Dabigatran (Unconjugated)*	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
362	Dabigatran (Unconjugated)*	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
363	Dabigatran (Unconjugated)*	LC-MS/MS (API 3200)	Sprague Dawley Rat plasma	5 to 10000 ng/mL	Sodium Citrate	India
364	Daclatasvir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
365	Dalfampridine/Fampridine	LC-MS/MS (API 3200)	Human Plasma	0.2 to 60 ng/mL	K ₂ EDTA	India
366	Dalfampridine/Fampridine	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 60 ng/mL	K ₂ EDTA	India
367	Dapagliflozin	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
368	Dapagliflozin	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
369	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.05 to 50 ng/mL	K ₂ EDTA	India
370	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.02 to 10 ng/mL	K ₂ EDTA	India
371	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.01 to 6 ng/mL	K ₂ EDTA	India
372	Dapsone	LC-MS/MS (API 6500)	Human Plasma	0.025 to 10.0 ng/mL	K ₂ EDTA	Canada
373	Darunavir	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
374	Darunavir	LC-MS/MS (API 3000)	Human Plasma	10 to 6400 ng/mL	K ₂ EDTA	Canada
375	Dasatinib	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
376	Dasatinib	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
377	Deferasirox	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	India
378	Desmopressin*	LC-MS/MS (API 6500+)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
379	Dexamethasone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 60 ng/mL	K ₂ EDTA	India
380	Dexamethasone	LC-MS/MS (Thermo)	Human Plasma	0.2 to 60 ng/mL	K ₂ EDTA	Canada
381	Dexibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	India
382	Dexketoprofen	LC-MS/MS (API 2000)	Human Plasma	10 to 10000 ng/mL	K ₂ EDTA	India
383	Dexmethylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 40 ng/mL	NaF & KOx	Canada
384	Dextroamphetamine	LC-MS/MS (API 3000)	Human Plasma	0.2 to 51 ng/mL	K ₂ EDTA	Canada
385	Dextromethorphan Dextrophan	LC-MS/MS (API 6500)	Human Plasma	50.0 to 20000 pg/mL	K ₂ EDTA	Canada
386	Dextromethorphan Dextrophan Pseudoephedrine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 51 ng/mL 1 to 512 ng/mL	Sodium heparin	Canada
387	Dextromethorphan Pseudoephedrine Brompheniramine	LC-MS/MS (Thermo)	Human Plasma	0.05 to 12 ng/mL 1 to 300 ng/mL 0.05 to 12 ng/mL	K ₂ EDTA	Canada
388	Dextromethorphan Detrorphan	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL 0.1 to 50 ng/mL	K ₂ EDTA	Canada
389	Diazepam	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
390	Diazepam	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
391	Diazepam	LC-MS/MS (Thermo)	Human Plasma	2 to 755 ng/mL	K ₂ EDTA	Canada
392	Diazepam*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
393	Diclofenac	LC-MS/MS (API 2000)	Human Plasma	5 to 2000 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
394	Diclofenac	LC-MS/MS (API 2000)	Human Plasma	10 to 5000 ng/mL	Heparin	India
395	Diclofenac	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
396	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
397	Diclofenac	LC-MS/MS (API 4000)	Human Plasma	0.075 to 25 ng/mL	K ₂ EDTA	India
398	Diclofenac	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada
399	Diclofenac	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
400	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
401	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	2.5 to 2500 ng/mL	K ₂ EDTA	India
402	Didanosine	LC-MS/MS (API 3000)	Human Plasma	10 to 1280 ng/mL	Sodium heparin	Canada
403	Dienogest	LC-MS/MS (API 6500)	Human Plasma	1 to 120 ng/mL	K ₂ EDTA	India
404	Dienogest	LC-MS/MS (Thermo)	Human Plasma	3 to 120 ng/mL	K ₂ EDTA	Canada
405	Digoxin	LC-MS/MS (Shimadzu 8060)	Human Plasma	25 to 3000 pg/mL	K ₂ EDTA	India
406	Digoxin	LC-MS/MS (Waters QPXE)	Human Urine	1 to 200 ng/mL	N/AP	India
407	Digoxin	LC-MS/MS (Shimadzu 8045)	Human Urine	0.4 to 40 ng/mL	N/AP	India
408	Dihydralazine Hydralazine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL 0.3 to 50 ng/mL	Sodium Citrate	India
409	Diltiazem	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
410	Diltiazem Desacetyldiltiazem N-Desmethyldiltiazem	LC-MS/MS (API 3000)	Human Plasma	1 to 256 ng/mL 0.125 to 32 ng/mL 0.25 to 64 ng/mL	K ₃ EDTA	Canada
411	Diltiazem Desacetyldiltiazem N-Desmethyldiltiazem	LC-MS/MS (Thermo)	Human Plasma	0.8 to 800 ng/mL 0.2 to 200 ng/mL 0.4 to 400 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
412	Diltiazem Desacetyldiltiazem N-Desmethyl diltiazem	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL 0.1 to 75.1 ng/mL 0.25 to 150.24 ng/mL	K ₂ EDTA	Canada
413	Diltiazem Desacetyldiltiazem N-Desmethyl diltiazem	LC-MS/MS (Thermo)	Human Plasma	2.5 to 750 ng/mL 0.2 to 75 ng/mL 2 to 150 ng/mL	K ₂ EDTA	Canada
414	Diltiazem N-Des Methyl Diltiazem Des Acetyl Diltiazem	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL 0.25 to 64 ng/mL 0.15 to 40 ng/mL	K ₂ EDTA	India
415	Diltiazem N-Des Methyl Diltiazem Des Acetyl Diltiazem	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 750 ng/mL 2 to 150 ng/mL 0.2 to 35 ng/mL	K ₂ EDTA	India
416	Diphenhydramine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	Sodium heparin	Canada
417	Dipyridamole	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
418	Dipyridamole	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
419	Dipyridamole	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
420	Docetaxel	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
421	Docetaxel (free)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 300 ng/mL	K ₂ EDTA	India
422	Docetaxel (free)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
423	Docetaxel (total)	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 15000 ng/mL	K ₂ EDTA	India
424	Docetaxel*	LC-MS/MS (Waters QPXE)	Beagle Dog Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
425	Dofetilide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
426	Dofetilide	LC-MS/MS (API 6500)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
427	Dolutegravir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
428	Domperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
429	Domperidone	LC-MS/MS (API 4000)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
430	Donepezil	LC-MS/MS (API 3200)	Human Plasma	0.5 to 40 ng/mL	K ₂ EDTA	India
431	Donepezil	LC-MS/MS (Thermo)	Human Plasma	0.25 to 64 ng/mL	K ₂ EDTA	Canada
432	Doxazosin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 16 ng/mL	K ₂ EDTA	India
433	Doxepin Nordoxepin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 65 ng/mL 0.1 to 30 ng/mL	K ₂ EDTA	India
434	Doxepin Nordoxepin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 26 ng/mL 0.1 to 12 ng/mL	K ₂ EDTA	India
435	Doxepin Nordoxepin	LC-MS/MS (API 4000)	Human Plasma	0.1 to 65 ng/mL 0.1 to 30 ng/mL	K ₂ EDTA	India
436	Doxepine Nordoxepine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL 0.101 to 50.476 ng/mL	K ₂ EDTA	Canada
437	Doxepine Nordoxepine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 4000 pg/mL 20 to 2000 pg/mL	K ₂ EDTA	India
438	Doxorubicin (Encapsulated and total)	LC-MS/MS (Waters QPXE)	Human Plasma	150 to 60000 ng/mL	K ₃ EDTA	India
439	Doxorubicin (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 750 ng/mL	K ₃ EDTA	India
440	Doxorubicinol*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 20 ng/mL	K ₃ EDTA	India
441	Doxylamine	LC-MS/MS (API 3200)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
442	DPP IV (Gly pro)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.6 to 50 µg/mL	Heparin	India
443	Dronadarone N-desbutyl dronadarone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	India
444	Dronadarone N-desbutyl dronadarone	LC-MS/MS (Thermo)	Human Plasma	0.5 to 200 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
445	Dronedarone N-desbutyl Dronedarone	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 100 ng/mL 0.2 to 100 ng/mL	K ₂ EDTA	India
446	Drospirenone	LC-MS/MS (API 4000)	Human Plasma	0.5 to 175 ng/mL	K ₂ EDTA	India
447	Drospirenone	LC-MS/MS (API 4000)	Human Plasma	0.5 to 100 ng/mL	K ₃ EDTA	India
448	Drotaverine	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
449	Duloxetine	LC-MS/MS (API 3200)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
450	Duloxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 200 ng/mL	Sodium heparin	India
451	Duloxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 300 ng/mL	Sodium heparin	India
452	Duloxetine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada
453	Duloxetine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada
454	Duloxetine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL	Sodium heparin	Canada
455	Dutasteride	LC-MS/MS (API 4000)	Human Plasma	0.05 to 7.5 ng/mL	K ₂ EDTA	India
456	Dutasteride	LC-MS/MS (Thermo)	Human Plasma	60 to 5120 pg/mL	K ₂ EDTA	Canada
457	Dutasteride	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	3 to 1000 pg/mL	K ₂ EDTA	India
458	Dydrogesterone*	LC-MS/MS (API 6500)	Human Plasma	50 to 5000 pg/mL	K ₂ EDTA	India
459	N-Desmethyl Diazepam	LC-MS/MS (API 4000)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
460	Ebastine Carebastine	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
461	17 β -Estradiol (Unconjugated)* Estrone (Unconjugated)*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 250 pg/mL 3 to 1200 pg/mL	K ₂ EDTA	India
462	17 β -Estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 100 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
463	17 β -Estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 600 pg/mL	K ₃ EDTA	India
464	17 β -Estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 800 pg/mL	K ₂ EDTA	India
465	17 β -Estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
466	17 β -Estradiol	LC-MS/MS (API 6500)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	Canada
467	Estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
468	Ebastine Carebastine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 12000 pg/mL 1 to 500 ng/mL	K ₂ EDTA	India
469	Ebastine Carebastine	LC-MS/MS (API 4000)	Human Plasma	25 to 12000 pg/mL 1 to 500 ng/mL	K ₂ EDTA	India
470	Ebastine Carebastine	LC-MS/MS (API 4000)	Human Plasma	12 to 7500 pg/mL 1 to 250 ng/mL	K ₂ EDTA	India
471	Edoxaban	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
472	Efavirenz	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
473	Efavirenz	LC-MS/MS (API 4000)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
474	Efavirenz	LC-MS (API 150)	Human Plasma	0.02 to 5 μ g/mL	Sodium heparin	Canada
475	Efavirenz	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
476	Elagolix	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
477	Eliglustat	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
478	Eliglustat	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
479	Eliglustat	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
480	Eltrombopag	LC-MS/MS (API 4000)	Human Plasma	50 to 15000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
481	Eltrombopag	LC-MS/MS (API 3200)	Human Plasma	75 to 15000 ng/mL	K ₂ EDTA	India
482	Eltrombopag	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
483	Eltrombopag	LC-MS/MS (API 4000)	Human Plasma	75 to 15000 ng/mL	K ₂ EDTA	India
484	Empagliflozin	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
485	Empagliflozin	LC-MS/MS (API 4000)	Human Plasma	3 to 600 ng/mL	K ₂ EDTA	India
486	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
487	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 500 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
488	Empagliflozin Linagliptin	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 750 ng/mL 0.1 to 20 ng/mL	K ₂ EDTA	India
489	Emtricitabine	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
490	Emtricitabine	LC-MS/MS (API 4000)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	India
491	Enalapril Enalaprilat	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 400 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	India
492	Enalapril Enalaprilat	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 100 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
493	Enalapril Enalaprilat	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	India
494	Enalapril Enalaprilat	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL 0.2 to 50 ng/mL	K ₂ EDTA	India
495	Enalapril Enalaprilat	LC-MS/MS (API 3000)	Human Plasma	0.25 to 256 ng/mL	K ₂ EDTA	Canada
496	Enalapril Enalaprilat	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
497	Enalapril Enalaprilat Hydrochlorothiazide	LC-MS/MS (API 3000)	Human Plasma	0.25 to 80 ng/mL 0.25 to 80 ng/mL 2.5 to 800 ng/mL	Heparin	Canada
498	Endoxifen	LC-MS/MS (Thermo)	Human Plasma	25 to 10000 pg/mL	K ₂ EDTA	India
499	Endoxifen	LC-MS/MS (API 3200)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
500	Endoxifen	LC-MS/MS (Thermo)	Miceplasma Extract	0.1 to 100 ng/mL	K ₂ EDTA	Canada
501	Enoxaparin (Anti - Factor Xa and Anti Factor IIa activity)	Enzymatic Ligand Binding Assay with colorimetric endpoint	Human Plasma	N/AP	Sodium Citrate	India
502	Enrofloxacin	LC-MS/MS (Thermo)	BeagleDog plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada
503	Entacapone	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	Sodium heparin	India
504	Entacapone	LC-MS/MS (API 4000)	Human Plasma	7.5 to 5500 ng/mL	Sodium heparin	India
505	Entecavir	LC-MS/MS (API 4000)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
506	Enzalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 15000 ng/mL	K ₂ EDTA	India
507	Enzalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	6 to 3005 ng/mL	K ₂ EDTA	India
508	Enzalutamide	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 15000 ng/mL	K ₂ EDTA	India
509	Enzalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 10000 ng/mL	K ₂ EDTA	India
510	Enzalutamide N-desmethyl enzalutamide	LC-MS/MS (Waters XEVO TQ- S)	Human Plasma	20 to 15000 ng/mL 10 to 2500 ng/mL	K ₂ EDTA	India
511	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
512	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	20 to 1500 pg/mL	K ₂ EDTA	Canada
513	Epinephrine*	LC-MS/MS (API 6500)	Human Plasma	4 to 1500 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
514	Epinephrine (Low Aliquoting Volume) *	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
515	Epinephrine (Rat Plasma)	LC-MS/MS (API 6500)	Human Plasma	0.1 to 500 ng/mL	K ₂ EDTA	Canada
516	Eplerenone	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	Sodium heparin	India
517	Eplerenone	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
518	Eprosartan	LC-MS/MS (API 2000)	Human Plasma	10 to 5000 ng/mL	Heparin	India
519	Eprosartan	LC-MS/MS (Thermo)	Human Plasma	5 to 3840 ng/mL	K ₂ EDTA	Canada
520	Erlotinib	LC-MS/MS (API 3200)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
521	Erlotinib	LC-MS/MS (API 4000)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
522	Escitalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
523	Escitalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
524	Eslicarbazepine	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
525	Eslicarbazepine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 25000 ng / mL	K ₂ EDTA	India
526	Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 3000 ng/mL	K ₂ EDTA	India
527	Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
528	Esomeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
529	Esomeprazole	LC-MS/MS (Thermo)	Human Plasma	1 to 2000 ng/mL	K ₂ EDTA	Canada
530	Esomeprazole*	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat plasma	2 to 15000 ng/mL	K ₂ EDTA	India
531	Estrone (Total)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 60 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
532	Estrone (Total)* Equilin (Total)*	LC-MS/MS (API 6500)	Human Plasma	40 to 10000 pg/mL 40 to 10000 pg/mL	K ₃ EDTA	India
533	Ethambutol	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
534	Ethosuximide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	40 to 10000 ng/mL	K ₂ EDTA	India
535	Ethosuximide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 24 µg/mL	K ₂ EDTA	India
536	Ethinyl Estradiol	LC-MS/MS (Thermo)	Human Plasma	3 to 128 pg/mL	K ₂ EDTA	Canada
537	Ethinyl Estradiol	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	Canada
538	Ethinyl Estradiol	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	Canada
539	Ethynyl estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 300 pg/mL	K ₂ EDTA	India
540	Ethynyl estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 200 pg/mL	K ₂ EDTA	India
541	Ethynyl estradiol*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	India
542	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
543	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₃ EDTA	India
544	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
545	Ethynyl estradiol*	LC-MS/MS (API 4000)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
546	Etoposide	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 µg/mL	K ₂ EDTA	India
547	Etoricoxib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
548	Etravirine	LC-MS/MS (API 4000)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
549	Everolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.5 to 200 ng/mL	K ₂ EDTA	India
550	Everolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.25 to 75 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
551	Everolimus	LC-MS/MS (API 6500+)	Human Blood	0.1 to 40 ng/mL	K ₂ EDTA	India
552	Exemestane	LC-MS/MS (Thermo)	Human Plasma	0.25 to 50 ng/mL	Sodium heparin	India
553	Exemestane	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada
554	Exemestane	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
555	Ezetimibe (Total)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	Sodium heparin	India
556	Ezetimibe (Unconjugated)	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	Sodium heparin	India
557	Ezetimibe (Unconjugated)	LC-MS/MS (API 4000)	Human Plasma	0.075 to 30 ng/mL	Sodium heparin	India
558	Ezetimibe Ezetimibe Phenoxy Glucuronide	LC-MS/MS (API 6500)	Human Plasma	0.05 to 15 ng/mL 0.5 to 300 ng/mL	Sodium heparin	Canada
559	Ezetimibe Ezetimibe Phenoxy Glucuronide	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL 0.5 to 300 ng/mL	Sodium heparin	India
560	Ezetimibe Ezetimibe Phenoxy Glucuronide	LC-MS/MS (API 6500)	Human Plasma	0.05 to 15 ng/mL 1.5 to 300 ng/mL	Sodium heparin	India
561	Ezetimibe Ezetimibe Phenoxy Glucuronide	LC-MS/MS (API 4000)	Human Plasma	0.05 to 30 ng/mL 1.5 to 600 ng/mL	Sodium heparin	India
562	Ezetimibe Ezetimibe Phenoxy Glucuronide	LC-MS/MS (API 6500)	Human Plasma	0.05 to 30 ng/mL 1.5 to 600 ng/mL	Sodium heparin	India
563	Famotidine	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
564	Famotidine	LC-MS/MS (API 4000)	Human Plasma	1.2 to 300 ng/mL	K ₂ EDTA	India
565	Fat analysis in food	FT-IR	Human food & cucumber pulp	1 to 10 g% total fat (expressed as triglyceride) sample weigh: 0.5 g	NA	India
566	Fat analysis in fecal*	FT-IR	Human Fecal	0.5 to 15 g% total fat	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
567	Fat Analysis in fecal*	FT-IR	Human Fecal	0.5 to 10 g%	NA	India
568	Fat analysis in food*	FT-IR	Human food & cucumber pulp	1 to 6 g% total fat (expressed as triglyceride) Sample weigh:0.5 g	NA	India
569	Fat analysis in food*	FT-IR	Cucumber pulp/ Whole Meal Food	1 to 6 g%	NA	India
570	Fat analysis in food*	FT-IR	Cucumber pulp/ Whole Meal Food	0.75 to 6 g%	NA	India
571	Febuxostat	LC-MS/MS (API 3200)	Human Plasma	10 to 12000 ng/mL	K ₂ EDTA	India
572	Febuxostat	LC-MS/MS (API 3200)	Human Plasma	10 to 8000 ng/mL	K ₂ EDTA	India
573	Febuxostat	LC-MS/MS (API 3200)	Human Plasma	10 to 10000 ng / mL	K ₂ EDTA	India
574	Felodipine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.03 to 10 ng/mL	K ₂ EDTA	India
575	Felodipine	LC-MS/MS (Thermo)	Human Plasma	0.05 to 13 ng/mL	K ₂ EDTA	Canada
576	Fenofibric acid	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 µg/mL	K ₂ EDTA	India
577	Fenofibric acid	LC-MS/MS (API 3000)	Human Plasma	50 to 19200 ng/mL	K ₂ EDTA	Canada
578	Fenofibric acid	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 µg/mL	K ₂ EDTA	Canada
579	Fenofibric acid	LC-MS/MS (API 3200)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
580	Fenspiride	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
581	Fenspiride	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
582	Fentanyl	LC-MS/MS (API 3000)	Human Plasma	0.02 to 20 ng/mL	Sodium heparin	Canada
583	Ferric Carboxy Maltose (Total Iron) Ferric Carboxy Maltose (Transferrin Bound Iron)	Vitros 5.1, FS	Human Serum	80.702 µg/dL to 45867.103 µg/dL 50.259 µg/dL to 954.518 µg/dL	NA	India
584	Ferric Carboxy Maltose (Total Iron) Ferric Carboxy Maltose (Transferrin Bound Iron)	Vitros chemistry analyzer	Rat Serum	100.117 µg/dL to 10,011.716 µg/dL 62.392 µg/dL to 2564.269 µg/Dl	NA	India
585	Ferric carboxy maltose (Total Iron) Ferric carboxy maltose (Transferrin Bound Iron)	ICP-MS	Human Serum	1.5 to 651.950 µg/mL 0.498 to 8.041 µg/mL	NA	India
586	Ferric carboxy maltose Associated Iron (Drug Bound Iron)	ICP-MS	Human Serum	6.012 to 601.800 µg/mL	NA	India
587	Ferric carboxy maltose (Total Iron) Ferric carboxy maltose (Transferrin Bound Iron)	ICP-MS	Human Serum	0.452 to 80.681 µg/mL 0.452 to 6.020 µg/mL	NA	India
588	Ferumoxytol (Total Iron)**	ICP-MS	Human Serum	0.600 to 200 µg/mL	NA	India
589	Ferumoxytol (Transferrin Bound Iron)**	ICP-MS	Human Serum	0.600 to 7.500 µg/mL	NA	India
590	Fesoterodine 5-Hydroxy Tolterodine	LC-MS/MS (API 6500)	Human plasma (Bufferized)	0.45 to 100 pg/mL 30 to 11000 pg/mL	K ₂ EDTA	Canada
591	Fesoterodine 5-Hydroxymethyl Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 pg/mL 20 to 10000 pg/mL	K ₂ EDTA	India
592	Fesoterodine* 5-Hydroxymethyl Tolterodine*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 200 pg/mL 10 to 10000 pg/mL	K ₂ EDTA	India
593	Fesoterodine* 5-Hydroxymethyl Tolterodine*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL 30 to 11000 pg/mL	K ₂ EDTA	India
594	Fexofenadine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
595	Fexofenadine	LC-MS/MS (Thermo)	Human Plasma	3 to 3500 ng/mL	K ₂ EDTA	Canada
596	Fidaxomicin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
597	Fexofenadine	LC-MS/MS (API 3200)	Human Plasma	5 to 400 ng/mL	K ₂ EDTA	India
598	Finasteride	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	Heparin	India
599	Finasteride	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 30 ng/mL	Heparin	India
600	Finasteride	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	10 to 3000 pg/mL	K ₂ EDTA	India
601	Finerenone	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
602	Finerenone	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
603	Fingolimod	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	10 to 1000 pg/mL	K ₂ EDTA	India
604	Fingolimod	LC-MS/MS (Thermo)	Human Plasma	25 to 500 pg/mL	K ₂ EDTA	Canada
605	Fingolimod Phosphate	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 4000 pg/mL	K ₂ EDTA	Canada
606	Fingolimod Phosphate*	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
607	Fingolimod Phosphate*	LC-MS/MS (Thermo)	Human Blood	75 to 4000 pg/mL	K ₂ EDTA	India
608	Fingolimod Phosphate*	LC-MS/MS (API 6500)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
609	Fingolimod Phosphate*	LC-MS/MS (API 6500)	Human Blood	20 to 1500 pg/mL	K ₂ EDTA	India
610	Fingolimod*	LC-MS/MS (API 4000)	Human Blood	25 to 3000 pg/mL	K ₂ EDTA	India
611	Flubendazole Hydroxy Flubendazole 2-Amino Flubendazole	LC-MS/MS (API 6500)	Human Plasma	100 to 9999 pg/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
612	Flubendazole Hydroxy Flubendazole 2-Amino Flubendazole	LC-MS/MS (API 6500)	Human Plasma	0.05 to 25 ng/mL 0.2 to 100ng/mL 1.0 to 300ng/mL	K ₂ EDTA	Canada
613	Flucloxacillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.050 to 50 µg/mL	K ₂ EDTA	India
614	Flucloxacillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 µg/mL	K ₂ EDTA	India
615	Fluconazole	LC-MS/MS (API 2000)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
616	Flucytosine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
617	Fludrocortisone*	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 3000 pg/mL	K ₂ EDTA	India
618	Fluoxetine	LC-MS/MS (API 3200)	Human Plasma	2.5 to 50 ng/mL	K ₂ EDTA	India
619	Fluoxetine	LC-MS/MS (API 3200)	Human Plasma	2.5 to 100 ng/mL	K ₂ EDTA	India
620	Fluoxetine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 10 ng/mL	K ₂ EDTA	India
621	Fluoxetine Norfluoxetine	LC-MS/MS (API 4000)	Human Plasma	0.25 to 25 ng/mL 0.25 to 25 ng/mL	K ₂ EDTA	India
622	Fluoxetine Norfluoxetine	LC-MS (API 150)	Human Plasma	0.15 to 37.5 ng/mL	Heparin	Canada
623	Fluoxetine Norfluoxetine	LC-MS (API 150)	Human Plasma	0.5 to 64 ng/mL	Sodium heparin	Canada
624	Flupenthixol	LC-MS/MS (API 3000)	Human Plasma	0.1 to 13 ng/mL	K ₂ EDTA	Canada
625	Fluphenazine	LC-MS/MS (API 6500)	Human Plasma	5 to 3500 pg/mL	K ₂ EDTA	India
626	Flurbiprofen	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 40000 ng/mL	K ₂ EDTA	India
627	Fluticasone Propionate	LC-MS/MS (Thermo)	Human Plasma	1 to 32 pg/mL	K ₂ EDTA	Canada
628	Fluticasone Propionate	LC-MS/MS (Thermo)	Human Plasma	5 to 640 pg/mL	K ₂ EDTA	Canada
629	Fluticasone Furoate*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
630	Fluticasone Propionate*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
631	Fluticasone Propionate*	LC-MS/MS (API 6500)	Human Plasma	1.5 to 150 pg/mL	K ₂ EDTA	India
632	Fluticasone*	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
633	Fluvastatin	LC-MS/MS (Thermo)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
634	Fluvastatin	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	Heparin	India
635	Fluvastatin (R & S)*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
636	Fluvastatin (R & S)*	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	Heparin	India
637	Fluvoxamine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 64 ng/mL	Sodium heparin	Canada
638	Formoterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 150 pg/mL	K ₂ EDTA	India
639	Formoterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 60 pg/mL	K ₂ EDTA	India
640	Fosfomycin	LC-MS/MS (Thermo)	Human Plasma	0.6 to 80 ng/mL	K ₂ EDTA	India
641	Free DM1*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
642	Fulvestrant	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
643	Fulvestrant	LC-MS/MS (Thermo)	Dog Plasma	0.5 to 40 ng/mL	Sodium heparin	Canada
644	Fulvestrant	LC-MS/MS (Thermo)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	Canada
645	Furosemide	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
646	Furosemide	LC-MS/MS (API 3200)	Human Plasma	10 to 8000 ng/mL	K ₂ EDTA	India
647	Furosemide	LC-MS/MS (API 4000)	Human Plasma	0.05 to 40 µg/mL	K ₂ EDTA	India
648	Furosemide	LC-MS/MS (API 3200)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
649	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	50 to 7500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
650	Gabapentin	LC-MS/MS (API 2000)	Human Plasma	150 to 10000 ng/mL	K ₂ EDTA	India
651	Gabapentin	LC-MS/MS (API 4000)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India
652	Gabapentin	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India
653	Gabapentin	LC-MS/MS (API 3000)	Human Plasma	75 to 9600 ng/mL	K ₂ EDTA	Canada
654	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	25 to 8990 ng/mL	K ₂ EDTA	India
655	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	15 to 5000 ng/mL	K ₂ EDTA	India
656	Galantamine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 63 ng/mL	K ₂ EDTA	Canada
657	Galantamine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 75 ng/mL	K ₂ EDTA	India
658	Gefitinib	LC-MS/MS (Waters QPXE)	Human Plasma	0.75 to 350 ng/mL	K ₂ EDTA	India
659	Gefitinib	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.7 to 350 ng/mL	K ₂ EDTA	India
660	Gemcitabine	LC-MS/MS (API 3200)	Human Plasma	0.1 to 35 µg/mL	K ₂ EDTA/Sodium eparin	India
661	Gestodene*	LC-MS/MS (API 6500)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
662	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 10 µg/mL	K ₂ EDTA	India
663	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
664	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
665	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
666	Gliclazide Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 5000 ng/mL 10 to 3500 ng/mL	K ₂ EDTA	India
667	Glimepiride	LC-MS/MS (API 3200)	Human Plasma	3 to 1200 ng/mL	K ₂ EDTA	India
668	Glimepiride	LC-MS/MS (API 300 or 3000)	Human Plasma	2 to 1024 ng/mL	K ₃ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
669	Glimepiride	LC-MS/MS (API 2000)	Human Plasma	3 to 600 ng/mL	Heparin	India
670	Glipizide	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1000 ng/mL	K ₂ EDTA	India
671	Glipizide	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1000 ng/mL	K ₂ EDTA	India
672	Glipizide	LC-MS (API 150)	Human Plasma	10 to 640 ng/mL	K ₂ EDTA	Canada
673	Glipizide	LC-MS/MS (API 300 or 3000)	Human Plasma	10 to 1280 ng/mL	K ₂ EDTA	Canada
674	Glipizide	LC-MS/MS (API 3000)	Human Plasma	2.5 to 640 ng/mL	K ₂ EDTA	Canada
675	Glucagon*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 10 ng/mL	K ₂ EDTA	India
676	Glucosamin	LC-MS/MS (Thermo)	Human Plasma	15 to 2000 ng/mL	K ₂ EDTA	India
677	Glyburide	LC-MS (API 150)	Human Plasma	2 to 128 ng/mL	K ₃ EDTA	Canada
678	Glycopyrrolate	LC-MS/MS (Thermo)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	Canada
679	Glycopyrrolate	LC-MS/MS (Thermo)	Human Plasma	2 to 800 pg/mL	K ₂ EDTA	Canada
680	Glycopyrrolonium*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 400 pg/mL	K ₂ EDTA	India
681	Glycopyrrolonium*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 1000 pg/mL	K ₂ EDTA	India
682	Goserelin*	LC-MS/MS (API 6500)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
683	Goserelinv	LC-MS/MS (API 6500)	Human Plasma	50 to 10000 pg/mL	K ₂ EDTA	India
684	Granisetron	LC-MS/MS (Thermo)	Human Plasma	0.02 to 10 ng/mL	K ₂ EDTA	Canada
685	Griseofulvin	LC-MS/MS (API 300 or 3000)	Human Plasma	15 to 3840 ng/mL	K ₃ EDTA	Canada
686	Guaifenesin	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
687	Guaifenesin	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 ng/mL	K ₂ EDTA	Canada
688	Guaifenesin	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
689	Haloperidol	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
690	5-Hydroxytryptophan	LC-MS/MS (API 4000)	Human Plasma	10 to 1000 ng/mL	K ₂ EDTA	India
691	Haloperidol	LC-MS/MS (API 6500)	Human Plasma	20 to 7500 pg/mL	K ₂ EDTA	India
692	HRF-4467	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
693	HRF-4467	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
694	Hydralazine	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 125 ng/mL	K ₂ EDTA	India
695	Hydralazine hydralazine pyruvic acid hydrazone (HPH)	LC-MS/MS (Thermo)	Human Plasma	0.25 to 128 ng/mL 1.2 to 1250 ng/mL	K ₂ EDTA	Canada
696	Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
697	Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
698	Hydrochlorothiazide	LC-MS/MS (API 3200)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
699	Hydrochlorothiazide	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
700	Hydrochlorothiazide Olmesartan	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL 2.5 to 4000 ng/mL	K ₂ EDTA	India
701	Hydrochlorothiazide	LC-MS (API 150)	Human Plasma	5 to 1280 ng/mL	K ₂ EDTA	Canada
702	Hydrochlorothiazide Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
703	Hydrochlorothiazide Telmisartan	LC-MS/MS (Thermo)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
704	Hydrochlorothiazide Telmisartan	LC-MS/MS (API 6500)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
705	Hydrocodone	LC-MS/MS (Thermo)	Human Plasma	0.4 to 51 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
706	Hydrocodone Hydromorphone Ibuprofen	LC-MS/MS (API 3000)	Human Plasma	1 to 128 ng/mL 1 to 128 ng/mL 100 to 12800 ng/mL	Sodium heparin	Canada
707	Hydrocortisone	LC-MS/MS (API 3200)	Human Urine	0.25 to 100 ng/mL	NA	India
708	Hydrocortisone*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
709	Hydromorphone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	Canada
710	Hydromorphone	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
711	Hydroxychloroquine	LC-MS/MS (Shimadzu 8045)	Human Blood	5 to 500 ng/mL	K ₂ EDTA	India
712	Hydroxychloroquine	LC-MS/MS (API 3200)	Human Blood	5 to 500 ng/mL	K ₂ EDTA	India
713	Hydroxychloroquine	LC-MS/MS (API 400)	Human Blood	5 to 1000 ng/mL	K ₂ EDTA	India
714	Ibandronate*	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	Heparin	India
715	Ibandronate*	LC-MS/MS (API 4000)	Human Plasma	0.75 to 300 ng/mL	Heparin	India
716	Ibrutinib Dihydrodiol Ibrutinib	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 200 ng/mL 0.6 to 200 ng/mL	K ₂ EDTA	India
717	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.1 to 90 µg/mL	K ₂ EDTA	India
718	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.25 to 90 µg/mL	Sodium heparin	India
719	Ibuprofen	LC-MS/MS (API 6500)	Human Plasma	0.1 to 40 µg/mL	Sodium heparin	Canada
720	Ibuprofen	LC-MS/MS (API 6500)	Human Plasma	50 to 25000 ng/mL	Sodium heparin	Canada
721	Ibuprofen	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	Canada
722	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 µg/mL	Sodium heparin	India
723	Ibuprofen (R & S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	Heparin	India
724	Ibuprofen (R & S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 µg/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
725	Ibuprofen Famotidine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 140 µg/ml 1 to 250 ng/mL	K ₂ EDTA	India
726	Ibuprofen Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.2 to 51 µg/mL 0.06 to 15 µg/mL	K ₂ EDTA	Canada
727	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 25000 pg/mL	K ₂ EDTA	India
728	Idebenone (Total)	LC-MS/MS (API 3200)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	India
729	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
730	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	15 to 15000 pg/mL	K ₂ EDTA	India
731	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
732	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 7500 ng/mL	K ₂ EDTA	India
733	Imatinib	LC-MS/MS (API 4000)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
734	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India
735	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India
736	Imatinib	LC-MS/MS (Thermo)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	Canada
737	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1500 ng/mL	K ₂ EDTA	India
738	Imatinib N-Desmethyl Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL 2 to 500 ng/mL	K ₂ EDTA	India
739	Imatinib N-Desmethyl Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL 2 to 400 ng/mL	Lithium Heparin	India
740	Imatinib N-Desmethyl Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL 0.5 to 125 ng/mL	K ₂ EDTA	India
741	Indapamide	LC-MS/MS (Waters QPXE)	Human Blood	0.5 to 200 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
742	Ipratropium	LC-MS/MS (Thermo Altis)	Human Plasma	1 to 150 pg/mL	K ₂ EDTA	Canada
743	Ipratropium*	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	India
744	Irbesartan	LC-MS/MS (API 3200)	Human Plasma	10 to 10000 ng/mL	Sodium heparin	India
745	Iron Sucrose (Total Iron)	ICP-MS	Human Serum	0.498 to 49.771 µg/mL	NA	India
746	Iron Sucrose (Total Iron)	Vitros 5.1,FS	Human Serum	50.054 to 4537.488 µg/dL	NA	India
747	Iron Sucrose (Transferrin Bound Iron)	Vitros 5.1,FS	Human Serum	49.957 to 824.380 µg/dL	NA	India
748	Iron Sucrose (Transferrin Bound Iron)	ICP-MS	Human Serum	0.490 to 6.005 µg/mL	NA	India
749	Isavuconazole	LC-MS/MS (API 4000)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
750	Isoniazid	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
751	Isoniazid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
752	Isoniazid	LC-MS/MS (API 3200)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
753	Isosorbide	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 2000 ng/mL	K ₂ EDTA	India
754	Isosorbide Mononitrate	LC-MS/MS (API 4000)	Human Plasma	5 to 1800 ng/mL	K ₂ EDTA	India
755	Isotretinoin	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 1500 ng/mL	K ₂ EDTA	India
756	Isotretinoin*	LC-MS/MS (API 4000)	Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
757	Isotretinoin*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 600 ng/mL	K ₂ EDTA	India
758	Isotretinoin*	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat Skin	0.75 to 500 ng/mL	NA	India
759	Isotretinoin*	LC-MS/MS (Waters QPXE)	Rabbit Skin	0.75 to 500 ng/mL	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
760	Itraconazole OH-Itraconazole	LC-MS/MS (Waters QPXE)	Human Serum	1 to 250 ng/mL 1 to 250 ng/mL	Heparin	India
761	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	1 to 250 ng/mL 1 to 250 ng/mL	Sodium heparin	India
762	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	1 to 500 ng/mL 1 to 500 ng/mL	Sodium heparin	India
763	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 300 or 3000)	Human Plasma	1 to 320 ng/mL	Heparin	Canada
764	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 3000)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
765	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	2 to 750 ng/mL 2 to 750 ng/mL	Sodium heparin	India
766	Ivabradine	LC-MS/MS (API 3200)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
767	Ivabradine N-desmethyl Ivabradine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 20000 ng/mL 20 to 2480 ng/mL	K ₂ EDTA	Canada
768	Ivacaftor	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	K ₂ EDTA	India
769	Ivermectin	LC-MS/MS (Thermo)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
770	Ivermectin	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	Canada
771	Ivermectin	LC-MS/MS (API 4000)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
772	Ivermectin B1a Ivermectin B1b	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50 ng/mL 40 to 8000 pg/mL	K ₂ EDTA	Canada
773	Ivermectin B1a* Ivermectin B1b*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.25 to 200 ng/mL 25 to 4000 pg/mL	K ₂ EDTA	India
774	Ivermectin B1a* Ivermectin B1b*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 75 ng/mL 5 to 750 pg/mL	K ₂ EDTA	India
775	Lisdexamfetamine S(+) Amphetamine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
776	Josamycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 1600 ng/mL	K ₂ EDTA	India
777	3-Ketodesogestrel	LC-MS/MS (Thermo)	Human Plasma	20 to 5000 pg/mL	K ₂ EDTA	India
778	6-Keto prostaglandin F1α*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.125 to 10 ng/mL	NA	India
779	Ketorolac	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3500 ng/mL	K ₂ EDTA	India
780	S-Ketorolac	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
781	Lacidipine	LC-MS/MS (API 4000)	Human Plasma	0.025 to 20 ng/mL	K ₂ EDTA	India
782	*15-hydroxy lubiprostone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
783	15-hydroxy lubiprostone*	LC-MS/MS (API 6500)	Human Plasma	1 to 300 pg/mL	K ₂ EDTA	India
784	Labetalol	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	Canada
785	Lacosamide	LC-MS/MS (API 3200)	Human Plasma	25 to 10000 ng/mL	K ₂ EDTA	India
786	Lamivudine	LC-MS/MS (API 2000)	Human Plasma	25 to 3000 ng/mL	Heparin	India
787	Lamivudine	LC-MS/MS (Thermo)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
788	Lamivudine Zidovudine	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 3000 ng/mL 20 to 4000 ng/mL	K ₂ EDTA	India
789	Lamotrigine	LC-MS/MS (API 3200)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
790	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
791	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	1 to 150 ng/mL	K ₂ EDTA	India
792	Lamotrigine	LC-MS/MS (Waters QPXE)	Human Plasma	7.5 to 3000 ng/mL	K ₂ EDTA	India
793	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 ng/mL	Sodium heparin	Canada
794	Lamotrigine	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
795	Lansoprazole	LC-MS/MS (API 300 or 3000)	Human Plasma	2 to 4096 ng/mL	Sodium heparin	Canada
796	Lansoprazole	LC-MS/MS (API 3200)	Human Plasma	10 to 3000 ng/mL	Sodium heparin	India
797	Lansoprazole	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 ng/mL	Sodium heparin	India
798	Lansoprazole	LC-MS/MS (API 4000)	Human Plasma	3 to 1500 ng / mL	Sodium heparin	India
799	Lapatinib	LC-MS/MS (API 2000)	Human Plasma	15 to 6000 ng/mL	K ₂ EDTA	India
800	Latanoprost Acid*	LC-MS/MS (Shimadzu 8060)	Human Plasma	100 to 1000 pg/mL	K ₂ EDTA	India
801	Ledipasvir Sofosbuvir	LC-MS/MS (API 4000)	Human Plasma	5 to 800 ng/mL 10 to 2000 ng/mL	K ₂ EDTA	India
802	Lenacapavir	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
803	Lenalidomide	LC-MS/MS (API 3200)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
804	Lenalidomide	LC-MS/MS (API 3200)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
805	Lenvatinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
806	Lercanidipine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
807	Lercanidipine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
808	Lercanidipine (R& S)*	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 pg/mL	Sodium heparin	India
809	Lercanidipine (R& S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 ng/mL	Heparin	India
810	Lercanidipine (R& S)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 16000 pg/mL	Sodium heparin	India
811	Letrozole	LC-MS/MS (API 3200)	Human Plasma	1 to 80 ng/mL	Heparin	India
812	Letrozole	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada
813	Leuprolide	LC-MS/MS (Thermo)	Human Plasma	0.025 to 13 ng/mL	K ₂ EDTA	Canada
814	Levetiracetam	LC-MS/MS (API 3200)	Human Plasma	0.25 to 40 µg/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
815	Levetiracetam	LC-MS/MS (Thermo)	Human Plasma	0.25 to 25 µg/mL	Sodium heparin	India
816	Levetiracetam	LC-MS (API 150)	Human Plasma	0.5 to 24 µg/mL	K ₃ EDTA	Canada
817	Levetiracetam	LC-MS/MS (API 3000)	Human Plasma	0.375 to 48 µg/mL	K ₂ EDTA	Canada
818	Levocetirizine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 500 ng/mL	K ₂ EDTA	India
819	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	10 to 3500 ng/mL 0.75 to 250 ng/mL	K ₂ EDTA	India
820	Levodopa Carbidopa	LC-MS/MS (API 4000)	Human Plasma	15 to 2000 ng/mL 1.5 to 250 ng/mL	K ₂ EDTA	India
821	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	10 to 1500 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
822	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	7 to 3500 ng/mL 0.4 to 200 ng/mL	K ₂ EDTA	India
823	Levodopa Carbidopa	LC-MS/MS (Shimadzu 8045)	Human Plasma	7 to 3500 ng/mL 0.4 to 200 ng/mL	K ₂ EDTA	India
824	Levofloxacin	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 16000 ng/mL	K ₂ EDTA	India
825	Levonorgestrel	LC-MS/MS (API 4000)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
826	Levonorgestrel	LC-MS/MS (API 3200)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
827	Levonorgestrel	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	K ₂ EDTA	India
828	Levonorgestrel	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 15000 pg/mL	K ₂ EDTA	India
829	Levonorgestrel	LC-MS/MS (Waters XEVO TQS)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
830	Levonorgestrel	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
831	Levonorgestrel	LC-MS/MS (API 6500)	Human Serum	2 to 500 pg/mL	NA	India
832	Levonorgestrel	LC-MS/MS (API 6500+)	Human Plasma	4 to 400 pg/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
833	Levorphanol	LC-MS/MS (Thermo)	Human Plasma	20 to 10000 pg/mL	K ₂ EDTA	Canada
834	Levosalbutamol (Levabuterol)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 750 pg/mL	K ₂ EDTA	India
835	Levosalbutamol (Levabuterol)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 3000 pg/mL	K ₂ EDTA	India
836	Levothyroxin (T4)*	LC-MS/MS (API 3200)	Human Serum	5 to 300 ng/mL	NA	India
837	Levothyroxin (T4)*	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
838	Levothyroxin (T4)*	LC-MS/MS (API 6500/6500+)	Human Serum	5 to 300 ng/mL	NA	India
839	Levothyroxine	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
840	Levothyroxine(T4)	LC-MS/MS (API 6500)	Human Serum	5 to 300 ng/mL	Human Serum	Canada
841	Linagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 10 ng/mL	K ₂ EDTA	India
842	Linagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
843	Linagliptin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
844	Linezolid	LC-MS/MS (API 3200)	Human Plasma	50 to 25000 ng/mL	K ₂ EDTA	India
845	Liothyronine*	LC-MS/MS (Thermo)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
846	Liothyronine*	LC-MS/MS (Waters QPXE)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
847	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
848	Lisinopril	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
849	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
850	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	0.25 to 64 ng/mL	Lithium heparin	Canada
851	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	0.25 to 128 ng/mL	Heparin	Canada
852	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	1 to 256 ng/mL	Lithium heparin	Canada
853	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	0.7 to 250 ng/mL	K ₂ EDTA	India
854	Lisinopril	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
855	Lithium Carbonate	Vitros 5.1,FS	Human Serum	0.274 to 3.754 mol/L	NA	India
856	Lithium Carbonate	ICP-MS	Human Plasma	0.040 to 5.059 µg/mL	Sodium heparin	India
857	Lofepamine Desipramine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL 0.2 to 80 ng/mL	Heparin	India
858	Loperamide	LC-MS/MS (Thermo)	Human Plasma	15 to 2500 pg/mL	K ₂ EDTA	India
859	Loperamide	LC-MS/MS (Shimadzu 8060)	Human Plasma	20 to 6010 pg/mL	K ₂ EDTA	India
860	Loperamide	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
861	Lopinavir Ritonavir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL 0.5 to 300 ng/mL	K ₂ EDTA	India
862	Lopinavir Ritonavir	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 20000 ng/mL 2.5 to 1600 ng/mL	K ₂ EDTA	India
863	Lopinavir Ritonavir	LC-MS/MS (Waters XEVO TQS)	Human Plasma	30 to 20000 ng/mL 2.5 to 1600 ng/mL	K ₂ EDTA	India
864	Lopinavir Ritonavir	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 20000 ng/mL 2.5 to 1600 ng/mL	K ₂ EDTA	India
865	Loratadine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
866	Loratadine Desloratadine	LC-MS/MS (API 6500)	Human Plasma	25 to 15000 pg/mL 25 to 10000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
867	Loratadine Desloratadine	LC-MS/MS (API 6500)	Human Plasma	5 to 5100 pg/mL 25 to 10500 pg/mL	K ₂ EDTA	India
868	Loratadine Descarboethoxyloratadine	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 51 ng/mL 0.1 to 25 ng/mL	Heparin	Canada
869	Loratadine Descarboethoxyloratadine Pseudoephedrine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 51 ng/mL 0.1 to 51 ng/mL 2.5 to 1280 ng/mL	Heparin	Canada
870	Loratadine Desloratadine	LC-MS/MS (Shimadzu 8045)	Human Plasma	40 to 40000 pg/mL 25 to 10000 pg/mL	K ₂ EDTA	India
871	Loratadine Descarboethoxyloratadine Pseudoephedrine	LC-MS/MS (API 6500)	Human Plasma	5 to 5000 pg/mL 10 to 10000 pg/mL 2.5 to 1250 ng/mL	K ₂ EDTA	Canada
872	Loratadine Desloratadine Pseudoephedrine	LC-MS/MS (API 6500)	Human Plasma	40 to 12000 pg/mL 40 to 12000 pg/mL 5 to 1600 ng/mL	K ₂ EDTA	Canada
873	Lorazepam	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.4 to 60 ng/mL	K ₂ EDTA	India
874	Lorazepam	LC-MS/MS (API 6500)	Human Plasma	0.4 to 60 ng/mL	K ₂ EDTA	India
875	Lormetazepam	LC-MS/MS (Thermo)	Human Plasma	0.06 to 8 ng/mL	K ₂ EDTA	Canada
876	Lornoxicam	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
877	Losartan	LC-MS/MS (API 3200)	Human Plasma	2 to 1500 ng/mL	K ₂ EDTA	India
878	Losartan	LC-MS/MS (API 3200)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
879	Losartan Losartan carboxylic acid	LC-MS/MS (API 2000)	Human Plasma	5 to 1200 ng/mL 5 to 1200 ng/mL	K ₂ EDTA/Heparin	India
880	Losartan Losartan carboxylic acid	LC-MS/MS (API 2000)	Human Plasma	10 to 1500 ng/mL 25 to 2000 ng/mL	K ₂ EDTA	India
881	Losartan Losartan carboxylic acid	LC-MS/MS (API 4000)	Human Plasma	2 to 2200 ng/mL 3 to 2200 ng/mL	K ₂ EDTA	India
882	Losartan Losartan carboxylic acid	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.25 to 500 ng/mL 1 to 400 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
883	Losartan Losartan carboxylic acid	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 2500 ng/mL 3 to 2200 ng/mL	K ₂ EDTA	India
884	Losartan Losartan Carboxylic Acid	LC-MS/MS (API 4000)	Human Plasma	2 to 2500 ng/mL 3 to 2200 ng/mL	K ₂ EDTA	India
885	Losartan Losartan Carboxylic Acid Hydrochlorthiazide	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1500 ng/mL 5 to 2000 ng/mL 1 to 400 ng/mL	K ₂ EDTA	India
886	Losartan Losartan carboxylic acid S-amlodipine	LC-MS/MS (API 4000)	Human Plasma	2 to 800 ng/mL 3 to 1200 ng/mL 0.2 to 10 ng/mL	K ₂ EDTA	India
887	Losartan Losartan Hydroxy Acid	LC-MS/MS (API 3000)	Human Plasma	4 to 1027 ng/mL 4 to 1024 ng/mL	K ₂ EDTA	Canada
888	Losartan Losartan Hydroxy Acid	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 25 ng/mL 0.2 to 51 ng/mL	Heparin	Canada
889	Lumefantrine	LC-MS/MS (API 4000)	Human Plasma	50 to 20250 ng/mL	K ₂ EDTA	India
890	Lurasidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
891	Lurasidone	LC-MS/MS (API 3200)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
892	Lurasidone	LC-MS/MS (API 6500)	Human Plasma	0.2 to 200 ng/mL	K ₂ EDTA	India
893	Lurasidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 200 ng/mL	K ₂ EDTA	India
894	Lurasidone* Lurasidone 14283* Lurasidone 14326*	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.1 to 30 ng/mL 25 to 5000 pg/mL	K ₂ EDTA	India
895	4-Methyl aminoantipyrine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
896	6-Mercaptopurine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
897	7-Hydroxylation, epimer 2 (CGP52421) - Meta of Midostaurin	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
898	L-Methylphenidate* D-Methylphenidate*	LC-MS/MS (Waters QPXE)	Human Plasma	50 o 4000 pg/mL 100 to 20000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
899	L-Methylphenidate* D-Methylphenidate*	LC-MS/MS (Shimadzu 8060)	Human Plasma	2.5 to 750 pg/mL 25 to 15000 pg/mL	Sodium Fluoride & Potassium Oxalate	India
900	L-Methylphenidate* D-Methylphenidate*	LC-MS/MS (API 4000)	Human Plasma	5 to 1500 pg/mL 50 to 20000 pg/mL	Sodium Fluoride & Potassium Oxalate	India
901	L-Threo- Methylphenidate D-Threo- Methylphenidate	LC-MS/MS (API 6500)	Human Plasma	1 to 195 pg/mL 25 to 9800 pg/mL	K ₂ EDTA	Canada
902	Macitentan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
903	Macitentan	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
904	Mebendazole	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
905	Mebendazole	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
906	Mebeverine acid Desmethyl Mebeverine acid	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 1000 ng/mL 2 to 1200 ng/mL	K ₂ EDTA	India
907	Mebeverine acid Desmethyl mebeverine acid Veratric acid	LC-MS/MS (API 4000)	Human Plasma	1 to 1000 ng/mL 2 to 1200 ng/mL 25 to 10000 ng/mL	K ₂ EDTA	India
908	Meclizine	LC-MS/MS (API 3000)	Human Plasma	1.01 to 256 ng/mL	K ₂ EDTA	Canada
909	Medroxy Progesterone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
910	Medroxy Progesterone Acetate *	LC-MS/MS (Thermo)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
911	Medroxyprogesterone Acetate	LC-MS/MS (API 3000)	Human Plasma	0.02 to 10 ng/mL	Sodium heparin	Canada
912	Medroxyprogesterone Acetate	LC-MS/MS (Thermo)	Human Plasma	50 to 10000 pg/mL	Sodium heparin	Canada
913	Medroxyprogesterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
914	Mefanamic Acid	LC-MS/MS (API 3000)	Human Plasma	50 to 12800 ng/mL	K ₂ EDTA	Canada
915	Mefenamic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 10000 ng/mL	K ₂ EDTA	India
916	Mefenamic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 14000 ng/mL	K ₂ EDTA	India
917	Megestrol Acetate	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
918	Megestrol Acetate	LC-MS/MS (Thermo)	Human Plasma	0.3 to 153.6 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
919	Megestrol Acetate	LC-MS/MS (Thermo)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	Canada
920	Melatonin	LC-MS/MS (API 4000)	Human Plasma	25 to 10000 pg/mL	K ₂ EDTA	India
921	Melatonin	LC-MS/MS (API 6500)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
922	Melatonin	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 6000 pg/mL	K ₂ EDTA	India
923	Meloxicam	LC-MS/MS (API 4000)	Human Plasma	20 to 3000 ng/mL	K ₂ EDTA	India
924	Meloxicam	LC-MS/MS (API 3000)	Human Urine	1 to 128 ng/mL	NA	Canada
925	Meloxicam	LC-MS/MS (API 3000)	Human Plasma	10 to 2560 ng/mL	K ₂ EDTA	Canada
926	Meloxicam	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 3000 ng/mL	K ₂ EDTA	India
927	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	India
928	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL	K ₂ EDTA	India
929	Memantine	LC-MS/MS (API 3200)	Human Plasma	0.5 to 50 ng/mL	K ₂ EDTA	India
930	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
931	Memantine	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
932	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 70 ng/mL	K ₂ EDTA	India
933	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 700 ng/mL	K ₂ EDTA	India
934	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
935	Mesalamine	LC-MS/MS (API 4000)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
936	Mesalamine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
937	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	Canada
938	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 3000 ng/mL	K ₂ EDTA	India
939	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
940	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	0.1 to 30 ng/mL	K ₂ EDTA	India
941	Mesalamine N-Acetyl Mesalamine	LC-MS/MS (Thermo)	Human Plasma	5 to 3000 ng/mL 10 to 5000 ng/mL	K ₂ EDTA	India
942	Mesalamine N-Acetyl Mesalamine	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 15000 ng/mL 20 to 30000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
943	Mesalamine N-Acetyl Mesalamine	LC-MS/MS (API 3200)	Human Fecal	2.5 to 2000 µg/g 1.8 to 1500 µg/g	NA	India
944	Metaxalone	LC-MS (API 150)	Human Plasma	5 to 2560 ng/mL	K ₃ EDTA	Canada
945	Metaxalone	LC-MS/MS (API 6500)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	Canada
946	Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1600 ng/mL	Sodium heparin	India
947	Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	Sodium heparin	India
948	Metformin	LC-MS/MS (API 3200)	Human Plasma	5 to 1600 ng/mL	Sodium heparin	India
949	Metformin	LC-MS/MS (Thermo)	Human Plasma	5 to 3500 ng/mL	Sodium heparin	India
950	Metformin	LC-MS/MS (API 3200)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
951	Metformin	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
952	Metformin	LC-MS/MS (API 3000)	Human Plasma	10.01 to 2002 ng/mL	K ₂ EDTA	Canada
953	Metformin	LC-MS (API 150)	Human Urine	2 to 256 µg/mL	NA	Canada
954	Methazolamide	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
955	Methazolamide	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 10000 ng/mL	K ₂ EDTA	Canada
956	Methazolamide	LC-MS/MS (Waters QPXE)	Human Whole Blood	100 to 50000 ng/mL	K ₂ EDTA	Canada
957	Methazolamide	LC-MS/MS (Thermo)	Human Plasma	5 to 9800 ng/mL	K ₂ EDTA	Canada
958	Methenamine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 70 µg/mL	K ₂ EDTA	India
959	Methimazole	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
960	Methimazole	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 200 ng/mL	K ₂ EDTA	India
961	Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
962	Methocarbamol	LC-MS/MS (API 4000)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
963	Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	Canada
964	Methocarbamol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 µg/mL	K ₂ EDTA	India
965	Methotrexate	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
966	Methotrexate	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
967	Methotrexate (Encapsulated)*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	K ₃ EDTA	India
968	Methotrexate (free)*	LC-MS/MS (API 4000)	Human Plasma	0.05 to 75 ng/mL	K ₃ EDTA	India
969	Methyldopa	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
970	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
971	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	Sodium Fluoride & Potassium Oxalate	Canada
972	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.026 to 15 ng/mL	K ₂ EDTA	Canada
973	Methylphenidate	LC-MS/MS (API 6500)	Human Plasma	0.1 to 50 ng/mL	Sodium Fluoride & Potassium Oxalate	Canada
974	Methylphenidate Achiral	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
975	Methylphenidate Chiral(L&D) Methylphenidate Chiral(L&D)	LC-MS/MS (API 6500)	Human Plasma	100 to 30000 pg/mL(D) 50 to 4000 pg/mL(L)	K ₂ EDTA	Canada
976	Methylphenidate Chiral(L&D) Methylphenidate Chiral(L&D)	LC-MS/MS (Thermo)	Human Plasma	15 to 3000 pg/mL (L) 200 to 40000 pg/mL (D)	Sodium fluoride & Potassium oxalate	Canada
977	Methylprednisolone	LC-MS/MS (API 4000)	Human Plasma	0.4 to 50 ng/mL	Sodium fluoride and Potassium oxalate	India
978	Methylprednisolone	LC-MS/MS (API 3000)	Human Plasma	0.4 to 51 ng/mL	Sodium fluoride potassium oxalate	Canada
979	Methylprednisolone	LC-MS/MS (API 6500)	Human Plasma	0.4 to 75 ng/mL	Sodium fluoride & potassium oxalate	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
980	Methylprednisolone	LC-MS/MS (API 4000)	Human Plasma	0.4 to 75 ng/mL	Sodium fluoride and Potassium oxalate	India
981	Metoclopramide	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
982	Metoprolol	LC-MS/MS (API 4000)	Human Plasma	0.3 to 50 ng/mL	Heparin	India
983	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.7 to 150 ng/mL	Sodium heparin	India
984	Metoprolol	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
985	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	Heparin	India
986	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.75 to 300 ng/mL	Sodium heparin	India
987	Metoprolol	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL	Sodium heparin	India
988	Mexiletine	LC-MS/MS (API 4000)	Human Plasma	5 to 800 ng/mL	K ₂ EDTA	India
989	Midazolam α-Hydroxy Midazolam	LC-MS/MS (Thermo)	Human Plasma	1 to 200 ng/mL 0.1 to 20 ng/mL	K ₂ EDTA	Canada
990	Midazolam 1-Hydroxy Midazolam	LC-MS/MS (API 4000)	Human Plasma	0.2 to 50 ng/mL 0.1 to 25 ng/mL	K ₂ EDTA	India
991	Midostaurin O-Desmethyl Midostaurin (CGP62221)	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL 6 to 1500 ng/mL	K ₂ EDTA	India
992	Mifepristone N-desmethyl Mifepristone N, N-didesmethyl mifepristone Hydroxy mifepristone	LC-MS/MS (Thermo)	Human Plasma	25 to 5000 ng/mL 50 to 5000 ng/mL 10 to 2000 ng/mL 10 to 1000 ng/mL	Heparin	India
993	Milnacipran	LC-MS/MS (Thermo)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
994	Miltefosine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
995	Minocycline	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
996	Minocycline	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 3500 ng/mL	K ₂ EDTA	India
997	Minocycline	LC-MS/MS (API 6500)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	Canada
998	Minocycline	LC-MS/MS (Thermo)	Human Plasma	4 to 3500 ng/mL	K ₂ EDTA	Canada
999	Minoxidil	LC-MS/MS (API 4000)	Human Plasma	50 to 4000 pg/mL	NA	India
1000	Mirabegron	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1001	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1002	Mirabegron	LC-MS/MS (API 3200)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1003	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1004	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.3 to 125 ng/mL	K ₂ EDTA	India
1005	Mirabegron	LC-MS/MS (Thermo)	Human Plasma	0.05 to 35 ng/mL	K ₂ EDTA	India
1006	Mirtazapine	LC-MS/MS (API 300 or 3000)	Human Plasma	0.5 to 128 ng/mL	Sodium heparin	Canada
1007	Misoprostol Acid*	LC-MS/MS (API 6500)	Human Plasma	5 to 750 pg/mL	K ₂ EDTA	India
1008	Misoprostol Acid Diclofenac	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 pg/mL 20 to 2560 ng/mL	Lithium heparin	Canada
1009	Misoprostol Acid*	LC-MS/MS (API 4000)	Human Plasma	10 to 1700 pg/mL	K ₂ EDTA	India
1010	Misoprostol Acid*	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
1011	Moexipril	LC-MS/MS (API 4000)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1012	Mometasone furoate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	Canada
1013	Mometasone furoate	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50.032 pg/mL	K ₂ EDTA	Canada
1014	Monomethyl Fumarate	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1015	Monomethyl fumarate	LC-MS/MS (API 6500)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1016	Monomethyl Fumarate	LC-MS/MS (API 6500)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1017	Monomethyl Fumarate	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1018	Monomethyl Fumarate	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
1019	Monomethyl fumarate Monoethyl fumarate	LC-MS/MS (Thermo)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	Canada
1020	Montelukast	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	Heparin	India
1021	Montelukast	LC-MS/MS (API 3200)	Human Plasma	5 to 500 ng/mL	Heparin	India
1022	Morphine Morphine-6-β-D-Glucuronide	LC-MS/MS (API 6500)	Human Plasma	0.150 to 100 ng/mL 0.5 to 350 ng/ml	K ₂ EDTA	Canada
1023	Moxifloxacin	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	Heparin	India
1024	Moxifloxacin	LC-MS/MS (API 4000)	Human Plasma	15 to 6000 ng/mL	Sodium heparin	India
1025	Moxonidine	LC-MS/MS (Thermo)	Human Plasma	30 to 7500 pg/mL	K ₂ EDTA	India
1026	Mycophenolate Mofetil	LC-MS/MS (Thermo)	Human Plasma	15 to 10000 pg/mL	Sodium heparin	India
1027	Mycophenolate mofetil Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 20 ng/mL 100 to 50000 ng/mL	K ₂ EDTA	India
1028	Mycophenolate mofetil Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 10 ng/mL 75 to 25000 ng/mL	K ₂ EDTA	India
1029	Mycophenolate Mofetil Mycophenolic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 10 ng/mL 80 to 40000 ng/mL	K ₂ EDTA	India
1030	Mycophenolate Mofetil Mycophenolic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 10 ng/mL 50 to 25000 ng/mL	K ₂ EDTA	India
1031	Mycophenolate Mofetil Mycophenolic Acid	LC-MS/MS (Thermo)	Human Plasma	0.04 to 20 ng/mL 0.1 to 51 µg/mL	K ₂ EDTA	Canada
1032	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1033	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1034	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	60 to 60000 ng/mL	K ₂ EDTA	India
1035	Mycophenolic acid	LC-MS/MS (API 3200)	Human Plasma	50 to 16000 ng/mL	K ₂ EDTA	India
1036	Nabilone*	LC-MS/MS (Thermo)	Human Plasma	40 to 5000 pg/mL	K ₂ EDTA	India
1037	Nabilone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 8500 pg / mL	K ₂ EDTA	India
1038	19-Norethindrone	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
1039	19-Norethindrone	LC-MS/MS (Thermo)	Human Plasma	0.075 to 15 ng/mL	K ₂ EDTA	India
1040	19-Norethindrone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	India
1041	19-Norethindrone	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
1042	19-Norethindrone	LC-MS/MS (API 4000)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	India
1043	D-Nebivolol* L-Nebivolol*	LC-MS/MS (Shimadzu 8045)	Human Plasma	15 to 2000 pg/mL 20 to 3000 pg/mL	Sodium heparin	India
1044	Nadolol	LC-MS/MS (API 4000)	Human Plasma	0.25 to 45 ng/mL	K ₂ EDTA	India
1045	Nadolol	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1046	Nadolol Bendroflumethiazide	LC-MS/MS (API 3000)	Human Plasma	2 to 256 ng/mL 1 to 128 ng/mL	K ₂ EDTA	Canada
1047	Naftidrofuryl Oxalate	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1048	Naloxegol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.1 to 125 ng/mL	K ₂ EDTA	India
1049	Nalmefene	LC-MS/MS (API 6500)	Human Plasma	10 to 4000pg/mL	Lithium heparin	Canada
1050	Naloxegol	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 200 ng/mL	K ₂ EDTA	India
1051	Nalmefene Glucunoride Nalmefene Sulfate	LC-MS/MS (API 6500)	Human Plasma	199.928 to 200013.900 pg/mL 5.009 to 2000 pg/mL	Lithium Heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1052	Naloxone	LC-MS/MS (API 6500)	Human Plasma	1 to 500 pg/mL	K ₂ EDTA	Canada
1053	Naloxone	LC-MS/MS (Thermo)	Human Plasma	0.02 to 20 ng/mL	K ₂ EDTA	Canada
1054	Naloxone-3-β-D-Glucuronide Oxycodone	LC-MS/MS (API 6500)	Human Plasma	1 to 300 ng/mL 0.5 to 150 ng/mL	K ₂ EDTA	Canada
1055	Naltrexone	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 35500 pg/mL	Heparin	India
1056	Naltrexone 6 beta Naltrexol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 20 ng/mL 0.5 to 200 ng/mL	Heparin	India
1057	Naltrexone 6 beta Naltrexol	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL 5 to 500 ng/mL	Heparin	India
1058	Naltrexone 6 beta Naltrexol	LC-MS/MS (API 4000)	Human Plasma	40 to 12000 pg/mL 0.25 to 70 ng/mL	K ₂ EDTA	India
1059	Naltrexone 6 beta Naltrexol	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 50 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1060	Naltrexone 6 beta Naltrexol	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1061	Naltrexone 6-β-Naltrexol	LC-MS/MS (API 3000)	Human or Dog Plasma	0.1 to 205 ng/mL 0.1 to 205 ng/mL	Sodium heparin for human plasma; K ₃ EDTA for dog plasma	Canada
1062	Naltrexone 6-β-Naltrexol	LC-MS/MS (API 3000)	Human Urine	1 to 512 ng/mL 9.947 to 5092 ng/mL	NA	Canada
1063	Nalmefne Nornlamefne	LC-MS/MS (API 6500)	Human Plasma	10pg/mL to 20000pg/mL 15pg/mL to 3000pg/mL	Lithium heparin	Canada
1064	Naproxen	LC-MS/MS (API 2000)	Human Plasma	500 to 50000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1065	Naproxen	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL	K ₂ EDTA	India
1066	Naproxen Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL 1 to 1500 ng/mL	K ₂ EDTA	India
1067	Naproxen Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL 1 to 350 ng/mL	K ₂ EDTA	India
1068	Naratriptan	LC-MS/MS (API 3200)	Human Plasma	0.1 to 20 ng/mL	Heparin	India
1069	Nateglinide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 10 µg/mL	K ₂ EDTA	India
1070	Nebivolol	LC-MS/MS (API 4000)	Human Plasma	0.077 to 20 ng/mL	Sodium heparin	India
1071	Nebivolol	LC-MS/MS (API 6500)	Human Plasma	15 to 5000 pg/mL	K ₂ EDTA	Canada
1072	Nefazodone 2-Hydroxynefazodone m-Chlorophenylpiperazine	LC-MS (API 150)	Human Plasma	6.25 to 800 ng/mL 1.88 to 240 ng/mL 1.25 to 160 ng/mL	Heparin	Canada
1073	Nefopam	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
1074	Neratinib	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
1075	Niacin Nicotinuric acid	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	Canada
1076	Niacin*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
1077	Niacin*	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
1078	Niacin* Nicotinuric acid*	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
1079	Nicorandil	LC-MS/MS (API 3200)	Human Plasma	0.5 to 500 ng/mL	K ₂ EDTA	India
1080	Nicotine	LC-MS/MS (API 6500)	Human Plasma	0.4 to 50 ng/mL	K ₂ EDTA	Canada
1081	Nicotine	LC-MS/MS (API 6500)	Human Plasma (Normal Plasma)	0.204 to 50.049 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1082	Nifedipine	LC-MS/MS (API 2000)	Human Plasma	2.5 to 250 ng/mL	K ₂ EDTA	India
1083	Nifedipine	LC-MS (API 150)	Human Plasma	0.5 to 200 ng/mL	K ₃ EDTA	Canada
1084	Nifedipine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	Canada
1085	Nilotinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
1086	Nilotinib	LC-MS/MS (API 6500)	Human Plasma	4 to 2000 ng/mL	K ₂ EDTA	Canada
1087	Nilotinib	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
1088	Nilotinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1089	Nilotinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
1090	Nimodipine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1091	Nimodipine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1092	Nintedanib	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
1093	Nintedanib	LC-MS/MS (API 3200)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
1094	Nintedanib	LC-MS/MS (Thermo)	Human Plasma	0.050- 20 ng/mL	K ₂ EDTA	Canada
1095	Nintedanib	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1096	Nirmatrelvir	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
1097	Nitisinone	LC-MS/MS (Thermo)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	Canada
1098	Nitrazepam*	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1099	Nitrazepam*	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	K ₂ EDTA	India
1100	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	Canada
1101	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	2.5 to 500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1102	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1103	Nitrofurantoin	LC-MS/MS (API 6500)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1104	Nitrofurantoin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1105	Nitrofurantoin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1106	Nitroglycerin 1,3-Dinitroglycerin 1,2-Dinitroglycerin	LC-MS/MS (API 6500)	Human Plasma	20 to 4000 pg/mL 40 to 4000 pg/mL 40 to 8000 pg/mL	K ₂ EDTA	Canada
1107	Nitroglycerin* 1,3-di Nitroglycerin 1,2-di Nitroglycerin	LC-MS/MS (Shimadzu 8060)	Human Plasma	20 to 4000 pg/mL 40 to 8000 pg/mL 40 to 8000 pg/mL	K ₂ EDTA	India
1108	Nomegestrol Acetate	LC-MS/MS (Shimadzu 8040)	Human Plasma	0.1 to 20 ng/mL	K ₃ EDTA	India
1109	Norelgestromin	LC-MS/MS (API 6500)	Human Plasma	20 to 5000 pg/mL	K ₂ EDTA	Canada
1110	Norethindrone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	Canada
1111	Norethindrone	LC-MS/MS (API 6500+)	Human Plasma	15 to 3000 pg/mL	K ₂ EDTA	Canada
1112	Nortriptyline	LC-MS/MS (Thermo)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1113	Nortriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1114	Nortriptyline	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 12 ng/mL	K ₂ EDTA	India
1115	RS-Norketotifen	LC-MS/MS (Thermo)	Human Plasma	0.2 to 70 ng/mL	K ₂ EDTA	Canada
1116	S-Norketotifen R- Norketotifen	LC-MS/MS (Thermo)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	Canada
1117	Octreotide*	LC-MS/MS (API 6500/6500+)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
1118	10,11-dihydro-10-Hydroxycarbamazepine	LC-MS/MS (API 3000)	Human Plasma	0.05 to 51.2 µg/mL	K ₂ EDTA	Canada
1119	Octreotide*	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1120	OP-1118	LC-MS/MS (API 6500)	Human Plasma	0.5 to 150 ng / mL	K ₂ EDTA	India
1121	O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 350 ng/mL	K ₂ EDTA	India
1122	O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1123	Oglimitast (GRC 3886) Oglimitast N-Oxide (GRC 3886 N-Oxide)	LC-MS/MS (API 4000)	Human Plasma	0.5 to 100 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
1124	Olanzapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 ng/mL	Sodium heparin	India
1125	Olanzapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 45 ng/mL	Sodium heparin	India
1126	Olanzapine	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1127	Olaparib	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	K ₂ EDTA	India
1128	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	2.5 to 1500 ng/mL	K ₂ EDTA	India
1129	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	0.25 to 500 ng/mL	K ₂ EDTA	India
1130	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	5 to 4500 ng/mL	K ₂ EDTA	India
1131	Olmesartan Hydrochlorothiazide	LC-MS/MS (API 3000)	Human Plasma	6 to 1536 ng/mL 2.01 to 512.46 ng/mL	K ₂ EDTA	Canada
1132	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1133	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
1134	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 2200 ng/ml	K ₂ EDTA	India
1135	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 2200 ng/mL	K ₂ EDTA	India
1136	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
1137	Omeprazole	LC-MS/MS (API 3000)	Human Plasma	1 to 1024 ng/mL	Sodium heparin	Canada
1138	Omeprazole	LC-MS/MS (Thermo)	Human Plasma	5 to 3450 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1139	Omeprazole	LC-MS/MS (Thermo)	Human Plasma	5 to 3400 ng/mL	K ₂ EDTA	Canada
1140	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1141	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1142	Ondansetron	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1143	Ondansetron	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	Lithium heparin	Canada
1144	Ondansetron	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL	Heparin	India
1145	Orlistat M1 Metabolite	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1146	Orlistate (Fat analysis) *	FT-IR	Human Fecal/Human Food	0.25 to 10 g %	NA	India
1147	Oseltamivir	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1148	Oseltamivir Oseltamivir Carboxylic acid	LC-MS/MS (Waters QPXE)	Human Plasma containing 1M Sodium Fluoride	0.5 to 300 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
1149	Ospemifene	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 2400 ng/mL	NA	India
1150	Oxazepam*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1151	Oxcarbazepine	LC-MS/MS (API 3000)	Human Plasma	0.01 to 10 µg/mL	K ₂ EDTA	Canada
1152	Oxcarbazepine 10,11-dihydro-10-hydroxycarbamazepine	LC-MS/MS (API 3200)	Human Plasma	20 to 4000 ng/mL 50 to 16000 ng/mL	K ₂ EDTA	India
1153	Oxcarbazepine 10,11-dihydro-10-hydroxycarbamazepine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4000 ng/mL 50 to 16000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1154	Oxcarbazepine 10,11-dihydro-10-hydroxycarbamazepine	LC-MS/MS (API 3200)	Human Plasma	10 to 4000 ng/mL 50 to 16000 ng/mL	K ₂ EDTA	India
1155	Oxcarbazepine 10,11-dihydro-10-Hydroxycarbamazepine	LC-MS/MS (Thermo)	Human Plasma	0.01 to 5.12 µg/mL 0.05 to 25.6 µg/mL	K ₂ EDTA	Canada
1156	Oxybutynin (S & R)*	LC-MS/MS (API 4000)	Human Plasma	25 to 7500 pg/mL	K ₂ EDTA	India
1157	Oxybutynin N-Desethyl Oxybutynin	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 70 ng/mL 0.6 to 225 ng/mL	K ₂ EDTA	India
1158	Oxybutynin Desethyloxybutynin	LC-MS/MS (API 300 or 3000)	Human Plasma	0.16 to 20 ng/mL 0.3 to 40 ng/mL	Heparin	Canada
1159	Oxybutynin N-Desethyl Oxybutynin	LC-MS/MS (Waters QPXE)	Human Plasma	0.07 to 15 ng/mL 0.38 to 75 ng/mL	K ₂ EDTA	India
1160	Oxybutynin N-Desethyl Oxybutynin	LC-MS/MS (Waters QPXE)	Human Plasma	0.08 to 15 ng/mL 0.2 to 75 ng/mL	K ₂ EDTA	India
1161	Oxybutynin N-Desethyl Oxybutynin	LC-MS/MS (API 6500/6500+)	Human Plasma	0.25 to 15 ng/mL 0.2 to 120 ng/mL	K ₂ EDTA	India
1162	Oxybutynin N-Desethyl Oxybutynin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 70 ng/mL 0.6 to 150 ng/mL	K ₂ EDTA	India
1163	Oxycodone	LC-MS/MS (Thermo)	Human Plasma	0.1 to 60 ng/mL	K ₂ EDTA	Canada
1164	Oxycodone	LC-MS/MS (Thermo)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	Canada
1165	Oxycodone Noroxycodone Oxymorphone	LC-MS/MS (API 3000)	Human Plasma	0.5 to 255 ng/mL 0.5 to 256 ng/mL 0.1 to 51.2 ng/mL	K ₂ EDTA	Canada
1166	Oxycodone Oxymorphone	LC-MS/MS (API 3000)	Human Plasma	0.1 to 101 ng/mL 0.1 to 100 ng/mL	Heparin	Canada
1167	Oxycodone Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	0.234 to 60 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1168	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	40 to 1280 pg/mL 25 to 800 pg/mL	K ₂ EDTA	Canada
1169	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	40 to 3200 pg/mL 25 to 2000 pg/mL	K ₂ EDTA	Canada
1170	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	0.025 to 8.000 ng/mL	K ₂ EDTA	Canada
1171	S-Oxybutynin* R-Oxybutynin*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 2000 pg/ML 7.5 to 2000 pg/ML	K ₂ EDTA	India
1172	S-Oxybutynin* R-Oxybutynin*	LC-MS/MS (Shimadzu 8045)	Human Plasma	20 to 5000 pg/mL 10 to 2500 pg/ML	K ₂ EDTA	India
1173	S-Oxybutynin* R-Oxybutynin*	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 11000 pg/mL 20 to 7000 pg/mL	K ₂ EDTA	India
1174	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4500 ng/mL	Heparin	India
1175	Palonosetron Netupitant	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	20 to 3500 pg/mL 5 to 2000 ng/mL	K ₂ EDTA	India
1176	2-Pyridyl acetic acid	LC-MS/MS (Thermo)	5% Selegiline Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
1177	2-Pyridylacetic acid	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 800 ng/mL	K ₂ EDTA	India
1178	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Whole Blood	50 to 30000 ng/mL	Heparin	India
1179	Paclitaxel (Total)	LC-MS/MS (API 6500)	Cynomolgus Monkey Plasma	25 to 25000ng/mL	K ₂ EDTA	India
1180	Paclitaxel (Total)	LC-MS/MS (API 6500)	Cynomolgus Monkey Blood	25 to 25000 ng/mL	K ₂ EDTA	India
1181	Paclitaxel (Total)	LC-MS/MS (Shimadzu8045)	Human Plasma	5 to 20000 ng/mL	Sodium heparin	India
1182	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India
1183	Paclitaxel (Total)	LC-MS/MS (API 3200)	Human Plasma	50 to 250000pg/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1184	Paclitaxel (Free)	LC-MS/MS (API 6500)	Cynomolgus Monkey Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
1185	Paclitaxel (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	Heparin	India
1186	Paclitaxel (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1187	Paclitaxel (Free)*	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1500 ng/mL	Sodium heparin	India
1188	Paclitaxel (Total)	LC-MS/MS (API 6500)	Pleural Fluid	100.00 to 10000.000 ng/mL	Sodium heparin	Canada
1189	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1190	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
1191	Palbociclib	LC-MS/MS (API 4000)	Human Plasma	0.75 to 150 ng/mL	K ₂ EDTA	India
1192	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.75 to 150 ng/mL	K ₂ EDTA	India
1193	Paliperidone	LC-MS/MS (API 3200)	Human Plasma	0.5 to 40 ng/mL	K ₂ EDTA	India
1194	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 60 ng/mL	K ₂ EDTA	India
1195	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 150 ng/mL	K ₂ EDTA	India
1196	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1197	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1198	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 5000 ng/mL	Heparin	India
1199	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	25 to 10000 ng/mL	Heparin	India
1200	Pantoprazole	LC-MS/MS (API 3000)	Human Plasma	20 to 5120 ng/mL	K ₂ EDTA	Canada
1201	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	7.5 to 7500 ng/mL	Sodium heparin	India
1202	Paracetamol	LC-MS/MS (API 3200)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1203	Paracetamol	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
1204	Paracetamol	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 24000 ng/mL	K ₂ EDTA	India
1205	Paricalcitol*	LC-MS/MS (Waters XEVOTQ-S)	Wistar Rat Plasma	50 to 30500 pg/mL	Sodium heparin	India
1206	Paroxetine	LC-MS/MS (API 6500)	Human Plasma	0.03 to 35 ng/mL	K ₂ EDTA	India
1207	Paroxetine	LC-MS/MS (API 4000)	Human Plasma	0.25 to 125 ng/mL	K ₂ EDTA	India
1208	Pazopanib	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1209	Penciclovir	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
1210	Penicillin G	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1211	Penicillin G	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	1 to 2500 ng/mL	K ₂ EDTA	India
1212	Penicillin G	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 2500 ng/mL	K ₂ EDTA	India
1213	Perampanel	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
1214	Pergolide	LC-MS/MS (API 3000)	Human Plasma	0.2 to 1.28 ng/mL	Heparin	Canada
1215	Perindopril	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1216	Perindopril	LC-MS/MS (API 4000)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India
1217	Perphenazine	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 2500 pg/mL	K ₂ EDTA	India
1218	Phenobarbital	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	Canada
1219	Phenyl butyrate	LC-MS/MS (API 3200)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1220	Phenylephrine	LC-MS/MS (API 6500)	Human Plasma	40 to 3000 ng/mL	K ₂ EDTA	Canada
1221	Phenylephrine (Total)	LC-MS/MS (Thermo)	Human Plasma	4 to 512 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1222	Phenytoin	LC-MS/MS (API 3200)	Human Plasma	10 to 10000 ng/mL	K ₂ EDTA	India
1223	Phytonadione (Vitamin K1) (Trans)* Phytonadione (Vitamin K1) (Cis)*	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	0.4 to 100 ng/ml 0.3 to 25 ng/mL	K ₂ EDTA	India
1224	Phytonadione (Vitamin K1) (Trans)* Phytonadione (Vitamin K1) (Cis)*	LC-MS/MS (API 6500)	UV light exposed human plasma, Human Plasma	0.4 to 100 ng/mL 0.3 to 25 ng/mL	K ₂ EDTA	India
1225	Phytonadione (Vitamin K1) (Trans)* Phytonadione (Vitamin K1) (Cis)*	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/mL 1 to 100 ng/mL	K ₂ EDTA	India
1226	Phytonadione- Trans Phytonadione- Cis	LC-MS/MS (API 6500)	Human Plasma	0.3 to 100 ng/mL	K ₂ EDTA	Canada
1227	Phytonadione- Trans Phytonadione- Cis	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/ml	K ₂ EDTA	Canada
1228	Pilocarpine Pilocarpic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 50 ng/mL 0.3 to 20 ng/mL	K ₂ EDTA	India
1229	Pinaverium	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1230	Pioglitazone	LC-MS/MS (API 2000)	Human Plasma	10 to 2500 ng/mL	Heparin	India
1231	Pioglitazone	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	Heparin	India
1232	Pioglitazone Hydroxy Pioglitazone	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2800 ng/mL 2 to 1500 ng/mL	Sodium heparin	India
1233	Pioglitazone Keto Pioglitazone Hydroxy Pioglitazone Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL 1 to 200 ng/mL 1 to 200 ng/mL 25 to 3000 ng/mL	Heparin	India
1234	Pirfenidone	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1235	Pirfenidone	LC-MS/MS (Thermo)	Human Plasma	50 to 30000 ng/mL	K ₂ EDTA	India
1236	Pirfenidone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 30000 ng/mL	K ₂ EDTA	India
1237	Pirfenidone	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 7500 ng/mL	K ₂ EDTA	India
1238	Piribedil	LC-MS/MS (API 4000)	Human Plasma	5 to 10000 pg/mL	K ₂ EDTA	India
1239	Piroxicam	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 4000 ng/mL	K ₂ EDTA	India
1240	Pomalidomide	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
1241	Pomalidomide	LC-MS/MS (API 6500)	Human Plasma	0.2 to 125 ng/mL	Sodium fluoride and Potassium oxalate	Canada
1242	Pomalidomide	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
1243	Ponatinib	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1244	Posaconazole	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 800 ng/mL	K ₂ EDTA	India
1245	Posaconazole	LC-MS/MS (Shimadzu 8045)	Human Plasma	4 to 800 ng/mL	K ₂ EDTA	India
1246	Potassium Chloride	Vitros5.1,FS	Human Urine	2.041 to 150.358 mEq/L	NA	India
1247	Potassium Citrate (Analyte - Potassium)	Vitros5.1,FS	Human Urine	2 to 150 mmol/L	NA	India
1248	Pramipexole	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	10 to 1000 pg/mL	K ₂ EDTA	India
1249	Pramipexole	LC-MS/MS (Thermo)	Human Plasma	50 to 3200 pg/mL	K ₂ EDTA	Canada
1250	Prasugrel active metabolite (R-138727) *	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1251	Prasugrel active metabolite (R-138727) *	LC-MS/MS (API 4000)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1252	Prasugrel active metabolite (R-138727) *	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1253	Prasugrel active metabolite (R-138727)*	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	Canada
1254	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1255	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
1256	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (Thermo)	Human Plasma	0.25 to 127 ng/mL	K ₂ EDTA	Canada
1257	Pravastatin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1258	Pravastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
1259	Pravastatin	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA/K ₃ EDTA	India
1260	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL 2 to 400 ng/mL	K ₃ EDTA	India
1261	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL 2 to 400 ng/mL	K ₂ EDTA	India
1262	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (API 3000)	Human Plasma	0.25 to 128 ng/mL	Sodium heparin	Canada
1263	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
1264	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (Thermo)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
1265	Praziquantel	LC-MS/MS (Shimadzu 8045)	Human Plasma	3 to 1500 ng/mL	K ₂ EDTA	India
1266	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
1267	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	1.5 to 1300 ng/mL	K ₂ EDTA	India
1268	Prednisolone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1269	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	1.5 to 400 ng/mL	K ₂ EDTA	India
1270	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL	K ₂ EDTA	India
1271	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 2500 ng/mL	K ₂ EDTA	India
1272	Pregabalin	LC-MS/MS (Shimadzu 8040)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	India
1273	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 7000 ng/mL	K ₂ EDTA	India
1274	Primidone Phenobarbital Phenylethylmalonamide	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 µg/mL	K ₂ EDTA	Canada
1275	Prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 300 pg/mL	Sodium heparin	India
1276	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 700 pg/mL	Sodium heparin	India
1277	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 1200 pg/mL	Sodium heparin	India
1278	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 2000 pg/mL	Sodium heparin	India
1279	Prochlorperazine	LC-MS/MS (API 4000)	Human Plasma	5 to 300 pg/mL	Heparin	India
1280	Progesterone	LC-MS/MS (API 6500)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	Canada
1281	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	India
1282	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 150 ng/mL	K ₂ EDTA	India
1283	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1284	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	50 to 60000 pg/mL	K ₂ EDTA	India
1285	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 40 ng/mL	K ₂ EDTA	India
1286	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 80 ng/mL	K ₂ EDTA	India
1287	Progesterone*	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 20000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1288	Proguanil	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1289	Proguanil	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng / mL	K ₂ EDTA	India
1290	Promazine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1291	Promethazine	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	K ₂ EDTA	India
1292	Propafenone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1293	Propafenone 5-Hydroxy Propafenone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 500 ng/mL 0.5 to 400 ng/mL	K ₂ EDTA	India
1294	Propafenone 5-OH Propafenone	LC-MS/MS (Thermo Altis)	Human Plasma	0151 to 499.457 ng/mL 0.503 to 399.562 ng/mL	K ₂ EDTA	Canada
1295	Propylthiouracil	LC-MS/MS (Waters QPXE)	Human Plasma	7.5 to 4000 ng/mL	K ₂ EDTA	India
1296	Pseudoephedrine	LC-MS/MS (API 3200)	Human Plasma	2 to 400 ng/mL	Heparin	India
1297	Pseudoephedrine	LC-MS/MS (API 6500)	Human Plasma	1 to 400 ng/mL	Sodium heparin	Canada
1298	Pseudoephedrine	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 400 ng/mL	Sodium heparin	India
1299	Pseudoephedrine	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
1300	Pyrazinamide	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 30000 ng/mL	K ₂ EDTA	India
1301	Pyridostigmine	LC-MS/MS (Waters QPXE)	Human Plasma containing 1M Sodium Fluoride (10%)	0.4 to 100 ng/mL	K ₂ EDTA	India
1302	Sapropterin	LC-MS/MS (API 6500)	Human Plasma	2 to 300 ng/mL	Sodium heparin	India
1303	S-Propranolol (Total)	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1304	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 350 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1305	Quetiapine	LC-MS/MS (API 2000)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
1306	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	Sodium heparin	India
1307	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1308	Quetiapine	LC-MS/MS (API 3200)	Human Plasma	20 to 2500 ng/mL	Sodium heparin	India
1309	Quetiapine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 350 ng/mL	Sodium heparin	India
1310	Quetiapine	LC-MS/MS (API 4000)	Human Plasma	1 to 1000 ng/mL	Sodium heparin	India
1311	Quetiapine	LC-MS/MS (Thermo)	Human Plasma	1 to 1024 ng/mL	K ₂ EDTA	India
1312	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1313	Quetiapine N-desalkyl Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL 0.08 to 20 ng/mL	Heparin	India
1314	Quetiapine N-Des Alkylated Quetiapine	LC-MS/MS (API 2000)	Human Plasma	2 to 1500 ng/mL 0.5 to 150 ng/mL	Heparin	India
1315	Quetiapine N-Des Alkylated Quetiapine	LC-MS/MS (API 2000)	Human Plasma	20 to 2000 ng/mL 2 to 500 ng/mL	K ₂ EDTA	India
1316	Quetiapine N-desalkyl Quetiapine	LC-MS/MS (API 2000)	Human Plasma	2 to 400 ng/mL 0.25 to 50 ng/mL	K ₂ EDTA	India
1317	Quinapril	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1318	Quinine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	India
1319	Rabeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	K ₃ EDTA/Heparin	India
1320	Rabeprazole	LC-MS/MS (API 4000)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1321	Rabeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1322	Rabeprazole	LC-MS/MS (API 3000)	Human Plasma	2 to 1024 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1323	Raloxifene* Raloxifene 4-glucuronide* Raloxifene 6-glucuronide*	LC-MS/MS (Thermo)	Human Plasma	20 to 1000 pg/mL 0.6 to 400 ng/mL 0.35 to 100 ng/mL	K ₂ EDTA	India
1324	Raloxifene* Raloxifene 4-glucuronide* Raloxifene 6-glucuronide*	LC-MS/MS (Thermo)	Human Plasma	20 to 1000 pg/mL 0.6 to 400 ng/mL 0.35 to 100 ng/mL	Heparin	India
1325	Ramipril	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	Sodium heparin	India
1326	Ramipril Ramiprilat	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.5 to 50 ng/mL	Sodium heparin	India
1327	Ramipril Ramiprilat	LC-MS/MS (API 3000)	Human Plasma	0.05 to 6 ng/mL	K ₃ EDTA	Canada
1328	Ramipril Ramiprilat	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
1329	Ramipril Ramiprilat	LC-MS/MS (API 3000)	Human Plasma	0.05 to 51 ng/mL	K ₃ EDTA	Canada
1330	Ramipril Ramiprilat	LC-MS/MS (Thermo)	Human Plasma	0.05 to 51 ng/mL	K ₂ EDTA	Canada
1331	Ramipril Ramiprilat	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 150 ng/mL 0.2 to 75 ng/mL	Sodium heparin	India
1332	Ramipril*	LC-MS/MS (API 3200)	Human Plasma	0.2 to 150 ng/mL	Heparin	India
1333	Ramipril*	LC-MS/MS (API 3200)	Human Plasma	0.05 to 40 ng/mL	Heparin	India
1334	Ranitidine	LC-MS/MS (API 2000)	Human Plasma	10 to 2000 ng/mL	Heparin	India
1335	Ranitidine	LC-MS/MS (Thermo)	Human Plasma	15 to 1920 ng/mL	K ₂ EDTA	Canada
1336	Ranitidine	LC-MS/MS (API 2000)	Human Plasma	5 to 600 ng/mL	K ₂ EDTA/Heparin	India
1337	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	K ₂ EDTA	India
1338	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1339	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1340	Ranolazine	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1341	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1342	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1343	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
1344	Ranolazine	LC-MS/MS (API 4000)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1345	Ranolazine	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 ng / mL	K ₂ EDTA	India
1346	Rasagiline	LC-MS/MS (Waters QPXE)	Human Plasma	40 to 14000 pg/mL	K ₂ EDTA	India
1347	Rasagiline	LC-MS/MS (Waters QPXE)	Human Plasma	40 to 6000 pg/mL	K ₂ EDTA	India
1348	Rebamipide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2.5 to 500 ng/mL	K ₂ EDTA	India
1349	Regorafenib	LC-MS/MS (API 3200)	Human Plasma	10 to 5500 ng/mL	K ₂ EDTA	India
1350	Relugolix	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India
1351	Relugolix	LC-MS/MS (API 4000)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India
1352	Repaglinide	LC-MS/MS (API 3200)	Human Plasma	0.25 to 30 ng/mL	K ₂ EDTA	India
1353	Ribociclib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1354	Rifabutin 25-O-Desacetyl rifabutin Clofazimine	LC-MS (API 150)	Human Plasma	10 to 1280 ng/mL 2.5 to 320 ng/mL 5 to 640 ng/mL	K ₂ EDTA	Canada
1355	Rifampicin	LC-MS/MS (Shimadzu 8045)	Human Plasma	40 to 5000 ng/mL	K ₂ EDTA	India
1356	Rifampicin 25 Desacetyl Rifampicin	LC-MS/MS (API 4000)	Human Plasma	75 to 15000 ng/mL 10 to 4000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1357	Rifampicin 25 Desacetyl Rifampicin	LC-MS/MS (Shimadzu 8045)	Human Plasma	75 to 15000 ng/mL 10 to 4000 ng/mL	K ₂ EDTA	India
1358	Rifampicin Desacetyl Rifampicin	LC-MS/MS (API 4000)	Human Plasma	200 to 15000ng/mL 10 to 2000ng/mL	K ₂ EDTA	India
1359	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1360	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 100 ng/mL	K ₂ EDTA	India
1361	Rifaximin	LC-MS/MS (API 6500)	Human Plasma	5 to 1500 pg/mL	K ₂ EDTA	India
1362	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
1363	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	100 to 36000 pg/mL	K ₂ EDTA	India
1364	Rifaximin	LC-MS/MS (API 4000)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
1365	Rifaximin	LC-MS/MS (API 4000)	Human Plasma	10 to 2000 pg/mL	K ₂ EDTA	India
1366	Rilpivirine	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1367	Rilpivirine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1368	Rilpivirine	LC-MS/MS (Thermo)	Human Plasma	2 to 1500ng/mL	K ₂ EDTA	Canada
1369	Riociguat	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India
1370	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1371	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 128 ng/mL	K ₂ EDTA	Canada
1372	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.1 to 80 ng/mL	Heparin	India
1373	Risedronate*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	30 to 80000 pg/mL	Sodium heparin	India
1374	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.5 to 160 ng/mL	Heparin	India
1375	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.5 to 250 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1376	Risedronate*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
1377	Risedronate*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.05 to 150 ng/mL	Sodium heparin	India
1378	Risedronate	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.4 to 300 ng/mL	Sodium heparin	India
1379	Risperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 20 ng/mL	Heparin	India
1380	Risperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
1381	Risperidone 9- hydroxy Risperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 15 ng/mL 0.1 to 15 ng/mL	Heparin	India
1382	Rivaroxaban	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
1383	Rivaroxaban	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1384	Rivaroxaban	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1385	Rivaroxaban	LC-MS/MS (API 3200)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1386	Rivaroxaban	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1387	Rivastigmine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
1388	Rivastigmine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
1389	Rivastigmine	LC-MS/MS (Thermo)	Human Plasma	0.3 to 63 ng/mL	K ₂ EDTA	Canada
1390	Rivastigmine	LC-MS/MS (API 6500)	Human Plasma	0.3 to 63 ng/mL	K ₂ EDTA	Canada
1391	Rizatriptan	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
1392	Ropinirole	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
1393	Ropinirole	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 pg/mL	K ₂ EDTA	India
1394	Rosiglitazone	LC-MS/MS (API 3000)	Human Plasma	2 to 1024 ng/mL	Sodium heparin	Canada
1395	Rosiglitazone	LC-MS/MS (API 2000)	Human Plasma	15 to 900 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1396	Rosiglitazone	LC-MS/MS (API 2000)	Human Plasma	5 to 500 ng/mL	K ₂ EDTA	India
1397	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	India
1398	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.15 to 60 ng/mL	K ₂ EDTA	India
1399	Rosuvastatin	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1400	Rosuvastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
1401	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1402	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	Canada
1403	Rosuvastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1404	Roxithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 25 µg/mL	K ₂ EDTA	India
1405	Rupatadine	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
1406	Rupatadine Desloratadine 3-Hydroxy Desloratadine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 20 ng/mL 0.05 to 6 ng/mL 0.04 to 4 ng/mL	K ₂ EDTA	India
1407	Rupatadine	LC-MS/MS (API 4000)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
1408	Ruxolitinib	LC-MS/MS (API 4000)	Human Plasma	2.5 to 750 ng/mL	K ₂ EDTA	India
1409	Saxagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 75 ng / mL	K ₂ EDTA	India
1410	Sacubitril	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1411	Sacubitril	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL	K ₂ EDTA	India
1412	Salmeterol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
1413	Scopolamine	LC-MS/MS (API 6500)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	Canada
1414	Secnidazole	LC-MS/MS (API 3200)	Human Plasma	0.2 to 40 µg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1415	Semaglutide*	LC-MS/MS (API 6500)	Human Plasma	2 to 100 ng/mL	K ₂ EDTA	India
1416	Selegiline	LC-MS/MS (API 6500+)	Human Plasma	50 to 4000 pg/mL	K ₂ EDTA	Canada
1417	Sertraline	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	Sodium heparin	India
1418	Sertraline	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 40 ng/mL	Heparin	India
1419	Sertraline	LC-MS/MS (API 4000)	Human Plasma	0.5 to 100 ng/mL	Sodium heparin	India
1420	Sertraline N-Desmethylsertraline	LC-MS/MS (API 3000)	Human Plasma	0.25 to 250 ng/mL	Sodium heparin	Canada
1421	Sibutramine Desmethyl Sibutramine Didesmethyl Sibutramine	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 pg/mL 50 to 10800 pg/mL 75 to 15000 pg/mL	Heparin/K ₂ EDTA	India
1422	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	1 to 800 ng/mL 0.5 to 150 ng/mL	K ₂ EDTA	India
1423	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	3 to 2000 ng/mL 1 to 450 ng/mL	K ₂ EDTA	India
1424	Sildenafil N-Desmethyl Sildenafil	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/mL 0.5 to 75 ng/mL	K ₂ EDTA	Canada
1425	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	4 to 2000 ng/mL 2 to 700 ng/mL	K ₂ EDTA	India
1426	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL 0.5 to 75 ng/mL	K ₂ EDTA	India
1427	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	3 to 2000 ng/mL 1 to 200 ng/mL	K ₂ EDTA	India
1428	Simvastatin	LC-MS/MS (Thermo)	Human Plasma	30 to 15000 pg/mL	Sodium heparin	India
1429	Simvastatin	LC-MS/MS (API 6500)	Human Plasma	0.2 to 125 ng/mL	Sodium heparin	India
1430	Simvastatin Simvastatin acid	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL 0.1 to 50 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1431	Simvastatin Simvastatin acid	LC-MS/MS (API 6500/6500+)	Human Plasma	02 to 75 ng/mL 0.1 to 30 ng/mL	Sodium heparin	India
1432	Simvastatin Simvastatin acid	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.2 to 50 ng/mL	Heparin	India
1433	Simvastatin Simvastatin Hydroxy Acid	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 25 ng/mL	Sodium heparin	Canada
1434	Simvastatin Simvastatin Hydroxy Acid	LC-MS/MS (Thermo)	Human Plasma	0.1 to 51.2 ng/mL 0.1 to 25.6 ng/mL	K ₂ EDTA	Canada
1435	Sirolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.15 to 25 ng/mL	K ₂ EDTA	India
1436	Sirolimus	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1437	Sirolimus	LC-MS/MS (API 4000)	Human Blood	0.15 to 25 ng/mL	K ₂ EDTA	India
1438	Sirolimus	LC-MS/MS (API 6500)	Human Whole Blood	0.157 to 24.875 ng/mL	K ₂ EDTA	Canada
1439	Sirolimus	LC-MS/MS (API 3000)	Human Whole Blood	0.4 to 51 ng/mL	K ₂ EDTA	Canada
1440	Sirolimus	LC-MS/MS (API 4000)	Human Blood	0.15 to 30 ng/mL	K ₂ EDTA	India
1441	Sitagliptin	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL	Sodium heparin	India
1442	Sitagliptin	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	Sodium heparin	India
1443	Sitagliptin	LC-MS/MS (API 4000)	Human Plasma	2 to 1200 ng/mL	Sodium heparin	India
1444	Sitagliptin	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	Sodium heparin	India
1445	Sitagliptin	LC-MS/MS (Thermo)	Human Plasma	1 to 512 ng/mL	K ₂ EDTA	Canada
1446	Sitagliptin Metformin	LC-MS/MS (API 4000)	Human Plasma	1 to 750 ng/mL 10 to 3500 ng/mL	Sodium heparin	India
1447	SN-38 (7-Ethyl-10-Hydroxycamptothecin)	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1448	SN-38 (7-Ethyl-10-Hydroxycamptothecin)	LC-MS/MS (API 6500)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India
1449	Sofosbuvir	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
1450	Solifenacin	LC-MS/MS (Thermo)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
1451	Solifenacin	LC-MS/MS (API 4000)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
1452	Sorafenib	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	India
1453	Spironolactone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.7 to 300 ng/mL	K ₂ EDTA	India
1454	Spironolactone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1455	Spironolactone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.75 to 300 ng/mL	K ₂ EDTA	India
1456	Spironolactone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1457	Spironolactone Canrenone	LC-MS/MS (API 3200)	Human Plasma	0.5 to 300 ng/mL 1 to 200 ng/mL	K ₂ EDTA	India
1458	Stiripentol	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 15 µg/mL	K ₂ EDTA	India
1459	Stiripentol	LC-MS/MS (Shimadzu 8045)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
1460	Sufentanil Triazolam	LC-MS/MS (Thermo)	Human Plasma	0.01 to 1.28 ng/mL 0.1 to 12.8 ng/mL	K ₂ EDTA	Canada
1461	Sufentanil Triazolam	LC-MS/MS (Thermo)	Human Plasma	2 to 256 pg/mL 0.05 to 6.4 ng/mL	K ₂ EDTA	Canada
1462	Sulfamethoxazole Trimethoprim	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 90000 ng/mL 10 to 5000 ng/mL	K ₂ EDTA	India
1463	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL 50 to 15000 ng/mL	K ₂ EDTA	India
1464	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL 20 to 2500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1465	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 15000 ng/mL 20 to 6000 ng/mL	K ₂ EDTA	India
1466	Sulfasalazine Sulfapyridine 5-Aminosalicylic Acid Acetyl-5-Aminosalicylic Acid	LC-MS (API 150)	Human Plasma	20 to 2560 ng/mL 200 to 25600 ng/mL 20 to 2560 ng/mL 10 to 1280 ng/mL	K ₃ EDTA	Canada
1467	Sulpiride	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1200 ng/mL	K ₂ EDTA	India
1468	Sumatriptan	LC-MS/MS (API 2000)	Human Plasma	1 to 100 ng/mL	Heparin	India
1469	Sumatriptan	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	Canada
1470	Sumatriptan	LC-MS/MS (API 300 or 3000)	Human Plasma or Pig Plasma	0.5 to 128 ng/mL	K ₃ EDTA	Canada
1471	Sunitinib	LC-MS/MS (API 4000)	Human Plasma	0.1 to 12 ng/mL	Sodium heparin	India
1472	Sunitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 50 ng/mL	Sodium heparin	India
1473	Tacrolimus	LC-MS/MS (Thermo)	Human Whole Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1474	Endoxifen	LC-MS/MS (Shimadzu 8060)	Wistar Rat plasma and New Zealand White Rabbit plasma	10 to 1000 pg/mL	K ₂ EDTA	India
1475	Endoxifen	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 250 ng/mL	K ₂ EDTA	India
1476	Endoxifen	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1477	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1478	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1479	Tacrolimus	LC-MS/MS (Thermo)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1480	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 70 ng/mL	K ₂ EDTA	India
1481	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1482	Tacrolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1483	Tacrolimus	LC-MS/MS (API 6500)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1484	Tacrolimus	LC-MS/MS (API 4000)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1485	Tacrolimus	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 1500 pg/mL	K ₂ EDTA	India
1486	Tacrolimus	LC-MS/MS (Thermo)	Human Whole Blood	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1487	Tacrolimus*	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 500 pg/mL	K ₂ EDTA	India
1488	Tacrolimus	LC-MS/MS (API 4000)	Human Blood	0.25 to 70 ng/mL	K ₂ EDTA	India
1489	Tacrolimus	LC-MS/MS (API 3200)	Human Blood	0.25 to 70 ng / mL	K ₂ EDTA	India
1490	Tadalafil	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
1491	Tadalafil	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1492	Tadalafil	LC-MS/MS (Shimadzu 8045)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
1493	Tadalafil	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
1494	Tamoxifen	LC-MS/MS (API 3000)	Human Plasma	0.25 to 64 ng/mL	K ₂ EDTA	Canada
1495	Tamoxifen Endoxifen	LC-MS/MS (API 3200)	Human Plasma	0.5 to 100 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
1496	Tamoxifen N-Desmethyltamoxifen	LC-MS (API 150)	Human Plasma	0.25 to 64 ng/mL	Heparin	Canada
1497	Tamsulosin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1498	Tamsulosin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1499	Tapentadol	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 225 ng/mL	K ₂ EDTA	India
1500	Tapentadol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.4 to 225 ng/mL	K ₂ EDTA	India
1501	Tapentadol	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1502	Tapentadol	LC-MS/MS (API 4000)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1503	Teicoplanin component (A 3)*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
1504	Teicoplanin components (A2-1, A2-2, A2-3, A2-4, and A2-5)*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
1505	Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1506	Temazepam	LC-MS/MS (API 3000)	Human Plasma	4 to 1024 ng/mL	K ₂ EDTA	Canada
1507	Temozolomide	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
1508	Temozolomide Metabolite (MTIC)*	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 600 ng/mL	Heparin	India
1509	Temozolomide*	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
1510	Temsirolimus Sirolimus	LC-MS/MS (API 4000)	Human Blood	5 to 1000 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
1511	Teneligliptin	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 800 ng/mL	K ₂ EDTA	India
1512	Teneligliptin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1513	Tenofovir	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
1514	Tenofovir	LC-MS/MS (Waters QPXE)	Human Serum	3 to 800 ng/mL	NA	India
1515	Tenofovir	LC-MS/MS (API 4000)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
1516	Tenofovir	LC-MS/MS (Thermo)	Human Plasma	0.5 to 25 ng/mL	K ₂ EDTA	India
1517	Tenofovir	LC-MS/MS (API 6500/6500+)	Human Plasma	0.25 to 25 ng/mL	K ₂ EDTA	India
1518	Tenofovir Alafenamide	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1519	Terbinafine	LC-MS/MS (API 2000)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1520	Teriflunomide	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
1521	Testosterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1522	Testosterone	LC-MS/MS (Thermo)	Human Serum	0.1 to 25 ng/mL	NA	Canada
1523	Testosterone	LC-MS/MS (API-6500)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1524	Testosterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	India
1525	Testosterone Testosterone Undecanoate*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 30 ng/mL 2.5 to 1000 ng/mL	Sodium Fluoride and Disodium EDTA	India
1526	Tetrabenazine DihydroxyTetrabenazine	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL 0.2 to 250 ng/mL	K ₂ EDTA	India
1527	Tetrabenazine dihydro Tetrabenazine	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL 0.2 to 100 ng/mL	K ₂ EDTA	India
1528	Tetrabenazine α-Dihydrotetrabenazine β-Dihydrotetrabenazine	LC-MS/MS (Thermo)	Human Plasma	0.015 to 3.84 ng/mL 0.625 to 160 ng/mL 0.469 to 120 ng/mL	K ₂ EDTA	Canada
1529	Tetracycline	LC-MS/MS (Thermo)	Human Plasma	200 to 20000 ng/mL	K ₂ EDTA	Canada
1530	Tetracycline	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 6000 ng/mL	Sodium heparin	India
1531	Tetranor-PGEM*	LC-MS/MS (API 4000)	Human Urine	1 to 50 ng/mL	NA	India
1532	Thalidomide (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1533	Theophylline	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
1534	Thiorphan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 160 ng/mL	K ₂ EDTA	India
1535	Thromboxane B2*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.2 to 20 ng/mL	NA	India
1536	Ticagrelor Deshydroxyethoxy ticagrelor	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1500 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1537	Ticagrelor Deshydroxyethoxy Ticagrelor	LC-MS/MS (Thermo)	Human Plasma	2.5 to 1500 ng/mL 1 to 300 ng/mL	K ₂ EDTA	Canada
1538	Tinidazole	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 25 µg/mL	K ₂ EDTA	India
1539	Tiotropium*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.1 to 30 pg/mL	K ₂ EDTA	India
1540	Tofacitinib	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1541	Tofacitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 350 ng/mL	K ₂ EDTA	India
1542	Tofacitinib	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	Canada
1543	Tofacitinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1544	Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
1545	Tolterodine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
1546	Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 30000 pg/mL	Sodium heparin	India
1547	Tolterodine 5-hydroxymethyl Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 5000 pg/mL 10 to 5000 pg/mL	Heparin	India
1548	Tolterodine 5-Hydroxymethyl tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 13000 pg/mL 20 to 10000 pg/mL	Heparin	India
1549	Tolterodine 5-hydroxymethyl Tolterodine	LC-MS/MS (API 4000)	Human Plasma	20 to 7500 pg/mL 10 to 7520 pg/mL	Heparin	India
1550	Tolvaptan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1551	Tolvaptan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng / mL	K ₂ EDTA	India
1552	Topiramate	LC-MS/MS (API 3200)	Human Plasma	50 to 4000 ng/mL	Heparin	India
1553	Topiramate	LC-MS/MS (API 3200)	Human Plasma	10 to 600 ng/mL	Heparin	India
1554	Topiramate	LC-MS/MS (API 3000)	Human Plasma or Dog Plasma	5 to 2560 ng/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1555	Topiramate	LC-MS/MS (API 3000)	Human Plasma	50 to 12800 ng/mL	Sodium heparin	Canada
1556	Topiramate	LC-MS/MS (Thermo)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	Canada
1557	Topiramate	LC-MS/MS (API 3200)	Human Plasma	50 to 7000 ng/mL	Sodium heparin	India
1558	Topiramate	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 7000 ng/mL	Sodium heparin	India
1559	Torsemide	LC-MS/MS (API 3200)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1560	Torsemide	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
1561	Torsemide	LC-MS/MS (API 300 or 3000)	Human Plasma	10 to 10240 ng/mL	K ₃ EDTA	Canada
1562	Tramadol	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	Heparin	India
1563	Tramadol	LC-MS/MS (Thermo)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	Canada
1564	Tramadol	LC-MS/MS (Thermo)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	Canada
1565	Tramadol	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	Sodium heparin	India
1566	Tramadol O-desmethyl tramadol	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL 0.4 to 120 ng/mL	Sodium heparin	India
1567	Tramadol O-desmethyl tramadol	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 400 ng/mL 0.4 to 60 ng/mL	Sodium heparin	India
1568	Tramadol O-Desmethyltramadol	LC-MS/MS (API 3000)	Dog Plasma	2 to 1024 ng/mL 1 to 512 ng/mL	K ₂ EDTA	Canada
1569	Tramadol O-Desmethyltramadol O,N-di-Desmethyltramadol	LC-MS/MS (API 3000)	Human Plasma or Mouse Plasma	2 to 1024 ng/mL 1 to 512 ng/mL 1 to 512 ng/mL	K ₂ EDTA	Canada
1570	Tramadol O-Desmethyltramadol O,N-di-Desmethyltramadol	LC-MS/MS (API 3000)	Human Urine	0.2 to 50 µg/mL 0.05 to 12.5 µg/mL 0.05 to 12.5 µg/mL	NA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1571	Tramadol O-Desmethyltramadol O,N-di-Desmethyltramadol Meloxicam	LC-MS/MS (Thermo)	Human Plasma	2 to 1024 ng/mL 1 to 512 ng/mL 1 to 512 ng/mL 3.75 to 1920 ng/mL	K ₂ EDTA	Canada
1572	Trandolapril Trandolaprilat	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 ng/mL 0.2 to 31 ng/mL	Heparin	India
1573	Tranexamic Acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 12 µg/mL	K ₂ EDTA	India
1574	Tranexamic Acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
1575	Tranexamic Acid	LC-MS/MS (API 3200)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
1576	Tranlycypromine-S* Tranlycypromine-R	LC-MS/MS (API 6500/6500+)	Human Plasma	0.5 to 200 ng/mL 0.15 to 75 ng/mL	K ₂ EDTA	India
1577	Trazodone	LC-MS/MS (API 3200)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1578	Trazodone	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1579	Triamcinolone acetonide	LC-MS/MS (Thermo)	Human Plasma	0.025 to 6.4 ng/mL	K ₂ EDTA	Canada
1580	Triamcinolone Acetonide	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
1581	Triamcinolone Acetonide	LC-MS/MS (Thermo)	Human Plasma	30 to 4000 pg/mL	K ₂ EDTA	India
1582	Trifluoperazine	LC-MS/MS (API 2000)	Human Plasma	0.05 to 10 ng/mL	CPD	India
1583	Trifluoperazine	LC-MS/MS (Thermo)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
1584	Trimebutine N-Desmethyl Trimebutine	LC-MS/MS (API 3200)	Human Plasma	0.1 to 30 ng/mL 1 to 400 ng/mL	K ₂ EDTA	India
1585	Trimebutine N-Desmethyltrimbutine	LC-MS/MS (Thermo)	Human Plasma	1 to 256 ng/mL 10 to 2560 ng/mL	K ₂ EDTA	Canada
1586	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 150 ng/mL	Heparin	India
1587	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 250 ng/mL	Heparin	India
1588	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	Sodium heparin	India
1589	Trospium	LC-MS/MS (API 4000)	Human Plasma	25 to 12000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1590	Trospium	LC-MS/MS (API 4000)	Human Plasma	25 to 8000 pg/mL	K ₂ EDTA	India
1591	Trospium	LC-MS/MS (API 4000)	Human Plasma	10 to 2500 pg/mL	K ₂ EDTA	India
1592	Trospium	LC-MS/MS (API 6500)	Human Plasma	25 to 12000 pg / mL	K ₂ EDTA	India
1593	Ursodiol (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 8010 ng/mL	K ₃ EDTA	India
1594	Upadacitinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
1595	Upadacitinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
1596	Ursodiol Glycoursodeoxycholic Acid Tauroursodeoxycholic Acid	LC-MS (API 150)	Human Plasma	100 to 12800 ng/mL 150 to 19200 ng/mL 100 to 12800 ng/mL	K ₃ EDTA	Canada
1597	Vismodegib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
1598	Valacyclovir Acyclovir	LC-MS/MS (API 2000)	Human Plasma	3 to 300 ng/mL 40 to 4000 ng/mL	Heparin	India
1599	Valacyclovir Acyclovir	LC-MS/MS (API 2000)	Human Plasma	3 to 600 ng/mL 40 to 8000 ng/mL	Heparin	India
1600	Valacyclovir	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1601	Valganciclovir Ganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 600 ng/mL 25 to 10000 ng/mL	K ₂ EDTA	India
1602	Valganciclovir Ganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 320 ng/mL 25 to 5000 ng/mL	K ₂ EDTA	India
1603	Valganciclovir Ganciclovir	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 750 ng/mL 40 to 12000 ng/mL	K ₂ EDTA	India
1604	Valganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 320 ng/mL	K ₂ EDTA	India
1605	Valproic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 25 µg/mL	Sodium heparin	India
1606	Valproic acid	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 80 µg/mL	Sodium heparin	India
1607	Valsartan	LC-MS/MS (API 3200)	Human Plasma	20 to 2000 ng/mL	Heparin	India
1608	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 8000 ng/mL	Heparin	India
1609	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 8000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1610	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 20000 ng/mL	Sodium heparin	India
1611	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
1612	Valsartan	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1613	Valsartan Hydrochlorothiazide	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1614	Valsartan Hydrochlorothiazide	LC-MS/MS (Thermo)	Human Plasma	12 to 5000 ng/mL 1 to 150 ng/mL	K ₂ EDTA	India
1615	Valsartan Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	50 to 20000 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1616	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
1617	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
1618	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1500 ng/mL	K ₂ EDTA	India
1619	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2800 ng/mL	K ₂ EDTA	India
1620	Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 300 ng/mL	Sodium heparin	India
1621	Venlafaxine O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	India
1622	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 200 ng/mL 1 to 250 ng/mL	Heparin	India
1623	Venlafaxine O-Desmethyl Venlafaxine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 300 ng/mL 1 to 400 ng/mL	Sodium heparin	India
1624	Venlafaxine O-Desmethyl Venlafaxine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 300 ng/mL 1 to 400 ng/mL	Sodium heparin	India
1625	Verapamil Norverapamil	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 300 ng/mL 2 to 177 ng/mL	Heparin	India
1626	Verapamil Norverapamil Trandolapril Trandolaprilat	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 300 ng/mL 2 to 177 ng/mL 0.05 to 15 ng/mL 0.4 to 31 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1627	Vardenafil	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	Sodium heparin	India
1628	Velpatasvir	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
1629	Vibegron	LC-MS/MS (API 3200)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
1630	Vibegron	LC-MS/MS (API 3200)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1631	Vigabatrin	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 40 µg/mL	K ₂ EDTA	India
1632	Vilanterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	4 to 400 pg/mL	K ₂ EDTA	India
1633	Vilazodone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
1634	Vilazodone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1635	Vildagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	Sodium heparin	India
1636	Vildagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	Sodium heparin	India
1637	Vitamin D3*	LC-MS/MS (Thermo)	Human Plasma & Artificial Matrix	0.25 to 20 ng/mL	K ₂ EDTA	India
1638	Voriconazole	LC-MS/MS (API 3200)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
1639	Valsartan	LC-MS/MS (API 3000)	Human Plasma	20 to 10240 ng/mL	K ₂ EDTA	Canada
1640	Valsartan	LC-MS/MS (Waters)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada
1641	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (API 3000)	Human Plasma	2 to 192 ng/mL 4 to 384 ng/mL	Sodium heparin	Canada
1642	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	India
1643	Venlafaxine Orthodesmethyl Venlafaxine	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	Canada
1644	Venlafaxine O-Desmethylvenlafaxine N-Desmethylvenlafaxine N,O-Didesmethylvenlafaxine N,N,O-Tridesmethylvenlafaxine	LC-MS/MS (API 3000)	Human Plasma	1 to 256 ng/mL 2 to 512 ng/mL 1 to 256 ng/mL 1 to 256 ng/mL 1 to 256 ng/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1645	Venlafaxine O-Desmethylvenlafaxine N-Desmethylvenlafaxine N,O-Didesmethylvenlafaxine N,N,O-Tridesmethylvenlafaxine	LC-MS/MS (API 300 or 3000)	Human Urine	0.1 to 13 µg/mL 0.2 to 25 µg/mL 0.1 to 13 µg/mL 0.2 to 25 µg/mL 0.1 to 13 µg/mL	NA	Canada
1646	Verapamil Norverapamil	LC-MS/MS (Thermo)	Human Plasma	2 to 300 ng/mL 2 to 175 ng/mL	Sodium heparin	Canada
1647	Vigabatrin	LC-MS (API 150)	Human Plasma	0.2 to 25 µg/mL	K ₂ EDTA	Canada
1648	Voriconazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
1649	Vortioxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1650	R-Warfarin S-Warfarin	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	K ₃ EDTA	Canada
1651	Warfarin	LC-MS/MS (Thermo)	Human Plasma	9.997 ng/mL to 1993.567 ng/mL	K ₂ EDTA	Canada
1652	Zolmitriptan N-desmethyl Zolmitriptan	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 30 ng/mL 0.2 to 20 ng/mL	Heparin	India
1653	Ziprasidone	LC-MS/MS (API 3000)	Human Plasma	0.125 to 64 ng/mL	K ₂ EDTA	Canada
1654	Ziprasidone	LC-MS/MS (API 3000)	Human Plasma	0.5 to 256 ng/mL	K ₂ EDTA	Canada
1655	Zolmitriptan N-desmethyl Zolmitriptan	LC-MS/MS (Thermo)	Human Plasma	0.2 to 20 ng/mL 0.1 to 10 ng/mL	K ₂ EDTA	Canada
1656	Zolpidem	LC-MS/MS (API 6500)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	Canada
1657	Zolpidem	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
1658	Zolpidem	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India

*: Premium method

** : Developed method available

New Chemical Entities (Full name withheld due to confidentiality)

S.N.	Drug Name	Instrument	Matrix	LLOQ	Anticoagulant	Location
1	New Chemical Entity-01	LC-MS/MS (API 4000)	Human Plasma	5 ng/mL	K ₂ EDTA	India
2	New Chemical Entity-02 N-Oxide of New Chemical Entity-02	LC-MS/MS (API 4000)	Human Plasma	0.5 ng/mL 0.5 ng/mL	K ₂ EDTA	India
3	New Chemical Entity-03	LC-MS/MS (API 4000)	Human Plasma	5 ng/mL	K ₂ EDTA	India
4	New Chemical Entity-04	LC-MS/MS (API 4000)	Human Plasma	10 ng/mL	K ₂ EDTA	India
5	New Chemical Entity-05	LC-MS/MS (API 4000)	Human Plasma	1 ng/mL	K ₂ EDTA & K ₃ EDTA	India
6	New Chemical Entity-06	LC-MS/MS (Waters QPXE)	Monkey Plasma	50 ng/mL	K ₂ EDTA	India
7	New Chemical Entity-07a New Chemical Entity-07b	LC-MS/MS (API 4000)	Human Plasma	1 ng/mL 10 ng/mL	K ₂ EDTA	India
8	New Chemical Entity-08	LC-MS/MS (API 4000)	Human Plasma	2 ng/mL	K ₂ EDTA	India
9	New Chemical Entity-09*	LC-MS/MS (Thermo)	Human Plasma	2 ng/mL	K ₂ EDTA	India
10	New Chemical Entity-10*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 ng/mL	K ₂ EDTA	India
11	New Chemical Entity-11	LC-MS/MS (API 4000)	Human Plasma	0.2 ng/mL	K ₂ EDTA	India
12	New Chemical Entity-12*	LC-MS/MS (API 4000)	Human Plasma	A1 & A2- 5 ng/mL, A3- 9 ng/mL & A4- 10 ng/mL	K ₂ EDTA	India
13	New Chemical Entity-13	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 µg/mL	K ₂ EDTA	India

New Chemical Entities (Full name withheld due to confidentiality)

S.N.	Drug Name	Instrument	Matrix	LLOQ	Anticoagulant	Location
14	New Chemical Entity-14	LC-MS/MS (Waters QPXE)	Human Plasma	5 ng/mL	K ₂ EDTA	India
15	New Chemical Entity-15	LC-MS/MS (Waters QPXE)	Human Plasma	20 ng/mL	K ₂ EDTA	India
16	New Chemical Entity-16*	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 ng/mL, 0.5 ng/mL	K ₂ EDTA	India
17	New Chemical Entity-17*	LC-MS/MS (Shimadzu 8045)	Human Plasma	100 ng/mL, 11 ng/mL	K ₂ EDTA	India
18	New Chemical Entity-18	LC-MS/MS (Waters QPXE)	Human Plasma	1 ng/mL, 1 ng/mL & 2 ng/mL	K ₃ EDTA	India
19	New Chemical Entity-19	LC-MS/MS (Waters QPXE)	Human Urine	75 ng/mL, 5 ng/mL & 2 ng/mL	N/AP	India
20	New Chemical Entity-20*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.1 ng/mL, 0.3 ng/mL, 0.3 ng/mL, 0.3 ng/mL, 0.3 ng/mL	K ₂ EDTA	India
21	New Chemical Entity-21	LC-MS/MS (API 4000)	Human Urine	0.1 ng/mL	N/AP	India
22	New Chemical Entity-23	LC-MS/MS (API 6500)	Human Plasma	A1-2 ng/mL, A2- 0.25 ng/mL, A3- 0.15 ng/mL	K ₂ EDTA	India
23	New Chemical Entity-24	LC-MS/MS (API 6500)	Human Plasma	0.02 ng/mL	K ₂ EDTA	India
24	New Chemical Entity-25	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	A1-0.16 ng/mL, A2-2 ng/mL	K ₂ EDTA	India

*: Premium Method

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1	Bendamustine Injection (Total)** Bendamustine Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	197 to 7500 µg/mL 10 to 3000 µg/mL	Sodium heparin	India
2	Bortezomib Injection (Total)** Bortezomib Injection (Free)**	LC-MS/MS (Thermo)	Human Plasma	5 to 600 ng/mL 0.25 to 150 ng/mL	Sodium heparin	India
3	Cabazitaxel Injection (Total)** Cabazitaxel Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 1200 ng/mL 0.5 to 50 ng/mL	K ₂ EDTA	India
4	Doxorubicin (Encapsulated and Total) (Liposomal)*	LC-MS/MS (Waters QPXE)	Human Plasma	2500 to 250000 ng/mL	K ₂ EDTA	India
5	Doxorubicin (Encapsulated and Total) (Liposomal)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 25 µg/mL	K ₂ EDTA	India
6	Doxorubicin (Free) (Liposomal)*	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 10000 ng/mL	K ₂ EDTA	India
7	*Doxorubicin (Free) (Liposomal)*	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 1800 ng/mL	K ₂ EDTA	India
8	Pemetrexed Injection (Total)** Pemetrexed Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 200 µg/mL 0.5 to 50 µg/mL	K ₂ EDTA	India
9	Bortezomib (Total)** Bortezomib (Free)**	LC-MS/MS (Waters XEVO TQS)	Human Plasma	0.5 to 40 ng/mL 0.05 to 7.5 ng/mL	Sodium heparin	India
10	Bendamustine Injection (Total)** Bendamustine Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	150 to 70000 ng/mL 10 to 12000 ng/mL	Sodium heparin	India
11	Bendamustine Injection (Total)** Bendamustine Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 800 µg/mL 0.5 to 20 µg/mL	Sodium heparin	India
12	Bendamustine Injection (Total)** Bendamustine Injection (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	150 to 16000 ng/mL 10 to 2000 ng/mL	Sodium heparin	India
13	Melphalan (Total)** Melphalan (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 600 µg/mL 12 to 300 µg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
14	Melphalan (Total)** Melphalan (Free)**	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 12000 ng/mL 1 to 3000 ng/mL	K ₂ EDTA	India
15	Colesevelam (Equilibrium)*	LC-MS/MS (Waters XEVO TQS)	N/AP	Glycocholic Acid- 0.023 to 13.007 mM, Glycochenodeoxycholic Acid- 0.022 to 12.755 mM, Taurodeoxycholic Acid-0.008 to 4.250 mM	N/AP	India
16	Colesevelam (Kinetic)*	LC-MS/MS (Waters XEVO TQS)	N/AP	3.0 mM Concentration- Glycocholic Acid- 0.022 to 0.127 mM, Glycochenodeoxycholic Acid- 0.022 to 0.128 mM, Taurodeoxycholic Acid- 0.007 to 0.043 mM 0.3 mM Concentration- Glycocholic Acid- 0.022 to 1.274 mM, Glycochenodeoxycholic Acid- 0.022 to 1.275 mM, Taurodeoxycholic Acid- 0.007 to 0.425 mM	N/AP	India

*: Premium Method

** : Premium Method & Method developed but not validated

S.N.	PD Markers/Surrogate PD markers	Assay Platform	Matrix	Range	Location
1	3 Beta-D- Glucan	-	-	-	India
2	Absolute Neutrophil Counts (ANC) (Flow Cytometry)	XN-550	Whole blood-EDTA	0.03 to 440 x 10 ³ /μL	India
3	ACTH (Adrenocorticotrophic hormone)	Vitros 5600	Plasma	9 to 1300 pg/mL	India
4	Anti-Factor IIa activity of Enoxaparin (Colorimetric Method)	Stago Compact Max	Citrate Plasma	-	India
5	Anti-Factor Xa activity of Enoxaparin (Colorimetric Method)	Stago Compact Max	Citrate Plasma	-	India
6	Anti-Factor IIa activity of Low molecular weight heparin (Colorimetric Method)	Stago Compact Max	Citrate Plasma	-	India
7	Anti-Factor Xa activity of Low molecular weight heparin (Colorimetric Method)	Stago Compact Max	Citrate Plasma	-	India
8	Anti-SARS-CoV-2 IgG	Vitros 5600	Serum	Negative	India
9	Anti-SARS-CoV-2 Total	Vitros 5600	Serum	Negative	India
10	Apolipoprotein A1 (Immunoturbidimetric)	Vitros 5600	Serum	101 to 215 mg/dL	India
11	Apolipoprotein B	Vitros 5600	Serum	35 to 300 mg/dL	India
12	Anti-Thyroid specific peroxidase (Anti-TPO)	Cobas e411	Serum	5 to 600 IU/mL	India
13	BAP- Bone specific Alkalinephosphatase (ELISA)	ELISA	Serum	3.7 to 22.6 μ/L	India
14	Basophil Activation Test (Flow Cytometry)	BD-FACS	Whole blood-EDTA	-	India
15	Beta 2 Microglobulin (ELISA)	ELISA	Serum	0.9 to 3.0 mg/L	India
16	Beta CoV detection using chip-based real-time polymerase chain reaction - TrueNat	RT-PCR	Swab	Negative	India
17	CA-125 (carcinoma antigen 125)	Vitros 5600	Serum	5.5-1000 U/mL	India
18	Clostridium Difficile Toxin-A & B	Rapid	Swab	Negative	India
19	Cluster of Differentiation 34 - CD 34 (Flow Cytometry)	BD-FACS	Whole blood-EDTA	-	India
20	Cluster of Differentiation 19 - CD19 (Flow Cytometry)	BD-FACS	Whole blood-EDTA	-	India
21	CMV-IgM (Cytomegalovirus Antibody)	Cobas e411	Serum	Negative	India
22	C-peptide	Vitros 5600	Serum	0.9 to 7.1 ng/mL	India
23	Corrected serum Calcium	Vitros 5600	Serum	8.7 to 10.7 mg/dL	India

S.N.	PD Markers/Surrogate PD markers	Assay Platform	Matrix	Range	Location
24	Cortisol (Serum)	Vitros 5600	Serum	0.16 to 61.6 ug/dL	India
25	CTx	Vitros 5600	Serum	-	India
26	Determination of Osmotic Fragility from red blood cell.	Tube method	Whole blood-EDTA	4 to 4.45 g/L	India
27	Direct- LDL-C (photometric)	Vitros 5600	Serum	<100 mg/dL	India
28	Ecarin Clotting Time for Bivaluridin (Clot Based Assay)	-	-	-	India
29	Erythropoetin (ELISA)	ELISA	Serum	Negative	India
30	Estradiol	Vitros 5600	Serum	6.360 to 3813.6 pg/mL	India
31	FIBRINOGEN	ACL TOP 350 CTS	Sodium Citrated Plasma	35 - 1000 mg/dL	India
32	Follicle stimulating hormone (FSH)	Vitros 5600	Serum	0.66 to 200 mIU/mL	India
33	Ferritin	Vitros 5600	Serum	1.25 to 1000 ng/mL	India
34	Free T3	Vitros 5600	Serum	0.77 to 35 pmol/L	India
35	Free T4	Vitros 5600	Serum	0.88 to 90 pmol/L	India
36	Fructosamine	-	Serum	205 to 285 µmol/L	India
37	Folic Acid	Vitros 5600	Serum	0.62 – 20.0 ng/mL	India
38	Glucose (Glucose Oxidase Peroxidase Method)	Vitros 5600	Serum	20 to 625 mg/dL	India
39	Glycosylated Haemoglobin	BIORAD -D10	Whole blood-EDTA	3.8 to 18.5 %	India
40	Hep Test (Clot Based Assay)	Stago Compact Max	Citrate Plasma	-	India
41	Hepatitis C Virus RNA in Human Plasma, Serum, and Whole Blood Using Chip-Based Real-Time Polymerase Chain Reaction (TrueNat)	RT-PCR Molbio	Serum	Not-Detected	India
42	High Sensitivity C-Reactive Protein (hs-CRP)	Vitros 5600	Serum	0.10 to 15 mg/L	India
43	Human Serum Adiponectin-HMW (ELISA)	ELISA	Serum	0.4 to 40 µg/mL	India
44	Human Serum Adiponectin-Total (ELISA)	ELISA	Serum	0.376 to 26 µg/mL	India
45	Human Serum/Plasma Glucagon	ELISA	Plasma	20 to 100 pg/mL	India
46	IL-6 (Interleukin-6)	Vitros 5600	Serum	3 to 1500 pg/mL	India

S.N.	PD Markers/Surrogate PD markers	Assay Platform	Matrix	Range	Location
47	Immunoglobulin A	Vitros 5600	Serum	40 to 800 mg/dL	India
48	Immunoglobulin G	Vitros 5600	Serum	270 to 2700 mg/dL	India
49	Immunoglobulin M	Vitros 5600	Serum	40 to 230 mg/dL	India
50	Immunoglobulin E	Cobas e411	Serum	0.100 to 2500 IU/mL	India
51	Immunoglobulin (IgG) PK	Vitros 5600	Serum	361.724 mg/dL to 2177.717 mg/dL	India
52	Insulin	Cobas e411	Serum	2 to 300 μ IU/mL	India
53	Interferon Gamma Release Assay (IGRA) by ELISA	ELISA	Heparin Whole blood	Negative	India
54	Luteinizing Hormone (LH)	Vitros 5600	Serum	0.216 to 200 mIU/mL	India
55	Lipoprotein (a)	Vitros 5600	Serum	0 to 80 mg/dL	India
56	NEFA/FFA (Non-Esterified Fatty Acids/Free Fatty Acid)	Vitros 5600	Serum	0.131 to 2 mEq/L	India
57	NTX (N-Telopeptide)	Vitros 5600	Urine	15 to 3000 nMBCE	India
58	P1NP	-	-	-	India
59	Progesterone	Vitros 5600	Serum	0.080 to 56 ng/mL	India
60	PSA (Prostate Specific Antigen)	Vitros 5600	Serum	0.010 to 100 ng/mL	India
61	Platelet Function (Platelet aggregation) by Whole Blood using Impedance Aggregometry (Chrono-Log)	Platelet Aggregometer	Citrate Plasma	-	India
62	Quantitative Measurement of Human Calprotectin Level In Stool Samples Using Epitope Diagnostics, Inc, Elisa Kit - On Fully Automated Elisa Processor	ELISA	Serum	0 to 43.3 μ g/g	India
63	Quantitative Measurement Of Undercarboxylated Osteocalcin (Glu-Oc) In Serum Samples By Elisa	ELISA	Serum	8.51-40.33 ng/ml	India
64	Quantitative Measurement Of carboxylated Osteocalcin (Gla-Oc) In Serum Samples by Elisa	ELISA	Serum	7.07-22.03 ng/ml	India
65	Rapid chromatographic immunoassay for the qualitative detection of specific Antigens to SARS-CoV-2	Vitros 5600	Serum	Negative	India

S.N.	PD Markers/Surrogate PD markers	Assay Platform	Matrix	Range	Location
66	Reticulocyte Count (Flow Cytometry)	XN-550	Whole blood-EDTA	0.5 to 23.0	India
67	Rheumatoid Factor (RF/RA)	Vitros 5600	Serum	8 to 120 IU/mL	India
68	RLP [Remnant Lipoprotein] cholesterol (ELISA)	ELISA	Serum	N/AP	India
69	Rotational Thrombo Elastometry - Pharmacodynamic	Rotem Delta Analyser	Citrate Plasma	N/AP	India
70	SARS COV-2 USING CHIP BASED REAL TIME POLYMERASE CHAIN REACTION -True Nat	RT-PCR	Swab	Negative	India
71	Sputum Eosinophil & Neutrophil	-	-	-	India
72	Testosterone	Vitros 5600	Serum	0.170–75.0 nmol/L	India
73	TFPI [Tissue Factor Pathway Inhibitor] (ELISA)	ELISA	Serum	-	India
74	TNF-alpha High Sensitivity (ELISA)	ELISA	Serum	1.748 to 4.708 pg/mL	India
75	Transferrin saturation	Vitros 5600	Serum	15.2 to 49.3 %	India
76	TRAP (Tartrate Resistant Alkaline phosphatase)	ELISA	Serum	0.6 to 9.9 U/L	India
77	Thyroglobulin (Tg)	Cobas e411	Serum	0.04 to 500 ng/mL	India
78	Urine Alpha-GST (ELISA)	ELISA	Urine	0 to 12.2 ng/min	India
79	Urine Glucose	Vitros 5600	Urine	20 to 650 mg/dL	India
80	Vitamin D Total	Vitros 5600	Serum	8 to 150 ng/mL	India
81	Vitamin B12	Vitros 5600	Serum	159 to 1000 pg/mL	India
82	Parathyroid Hormone (PTH)	Vitros 5600	Serum	3.4 to 5000 pg/mL	India
83	Prolactin	Vitros 5600	Serum	1.4 to 329 ng/mL	India
84	D-Dimer	Stago Compact Max	Citrate Plasma	0.27 to 4.0 µg/mL	India
85	N-terminal pro Brain Natriuretic Peptide (NT-proBNP)	Vitros 5600	Serum	<300 pg/ml	India
86	hs Troponin I	Vitros 5600	Serum	< 11 pg/ml	India
87	PT (Prothrombin time) AND APTT (Activated partial thromboplastin time) - Pharmacodynamic	Stago Compact Max	Citrate Plasma	N/AP	India

Evaluation of Effectiveness of Healthcare Hygiene Products



Validated Protocols

S.N.	Title	Media	Product	Location
1	ASTM-E1174 - Standard Test Method for Evaluation of the Effectiveness of Health Care Personnel Handwash Formulations.	Skin	Hand Wash	India
2	ASTM-E1054 - Standard Test Method for Evaluation of Inactivators of Antimicrobial Agents.	NA	Antimicrobial agent	India
3	ASTM E1874 - Standard Test Method for Recovery of Microorganisms from Skin using the Cup Scrub Technique.	Reinforced clostridial agar, Tryptic soy broth, Tryptic soy agar, RCM broth, Mannitol salt agar, Macconkey agar	Hand Sanitizers, Soap, Leave on Formulations, Sol oil	India
4	In-vitro assay for evaluating the efficacy of Oral Care Formulations	BHI Broth, Tryptic soy agar	Mouth Wash, Mouth Freshener, Toothpaste	India
5	Thiol production (BDCOH) assay for evaluating the effectiveness of Oral Care Formulations	D/E Broth	Toothpaste	India
6	EN-1276 Chemical disinfectants and antiseptics (under validation)	Skin	Chemical disinfectants	India
7	EN-13697 Chemical disinfectants and antiseptics (under validation)	Skin	Chemical disinfectants	India
8	A cosmetic study to assess the effectiveness of test toothpaste formulation compared to a standard fluoride toothpaste and a commercially available toothpaste on plaque 1 and 12 hours after brushing.	Blood Agar	Toothpaste, Mouthwash	India
9	Salivary sediment viability method	D/E Broth, Blood Agar	Toothpaste	India
10	Examine the effects of oral care formulations on oral (S.mutans ATCC 25175) bacteria used of time-kill assay	BHI Broth, Tryptic soy agar	Toothpaste, Mouth Freshener	India
11	Plaque Biofilm method time kill assay	Blood Agar, BHI Broth	Toothpaste, Mouthwash	India
12	Method for quantification of Cetylpyridinium chloride (CPC) from clay surface	NA	Clay	India
13	Zone of Inhibition Method to check the effectiveness of antibacterial effect of Mouth wash	BHI Broth	Mouth wash	India
14	Comparative evaluation of viable spore count of Bacillus clausi after acid challenge and temperature challenge.	NA	NA	India
15	To evaluate the efficacy of hand wash formulations, by measuring levels of residual bacterial count after washing/rinsing, based on ASTM E2870-13 method on the palms of normal volunteers	Skin	Hand Wash	India



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