

BIOANALYTICAL METHODS

ASSAY LIST
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Lambda Therapeutic Research Limited &
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Global Full-service CRO



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Bioanalytical Methods/Assay List	Page #
Recently Validated Methods	3
Premium Methods	4
Large Molecules/Therapeutic Proteins/Biosimilars	21
Immunogenicity Assessment	22
Small Molecules	24
New Chemical Entities	118
In-Vitro Studies	120
PD Markers	122
Healthcare Hygiene Products	126

Recently Validated Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1	Ambrisentan	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
2	Alectinib	LC-MS/MS (API 4000)	Human Plasma	1 to 175 ng/mL	K ₂ EDTA	India
3	Cefuroxime	LC-MS/MS (API 3200)	Human Plasma	0.025 to 15 µg/mL	K ₂ EDTA	India
4	Cinacalcet	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
5	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
6	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 500 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
7	Lenacapavir	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
8	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
9	Penicillin G	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 2500 ng/mL	K ₂ EDTA	India
10	Saxagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 75 ng / mL	K ₂ EDTA	India
11	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	3 to 2000 ng/mL 1 to 200 ng/mL	K ₂ EDTA	India
12	Sitagliptin Metformin	LC-MS/MS (API 4000)	Human Plasma	1 to 750 ng/mL 10 to 3500 ng/mL	Sodium heparin	India
13	Stiripentol	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 15 µg/mL	K ₂ EDTA	India
14	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 15000 ng/mL 20 to 6000 ng/mL	K ₂ EDTA	India

*: Premium method

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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
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

Premium Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
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

Premium Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
89	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
90	Epinephrine (Low Aliquoting Volume)	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
91	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	4 to 1500 pg/mL	K ₂ EDTA	India
92	Ezetimibe (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	Sodium heparin	India
93	Fat Analysis in fecal	FTIR	Human Fecal	0.5 to 10 g%	NA	India
94	Fat Analysis in fecal	FTIR	Human Fecal	0.5 to 15 g% total fat	NA	India
95	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
96	Fat analysis in food	FTIR	Cucumber pulp/ Whole Meal Food	1 to 6 g%	NA	India
97	Fat analysis in food	FT-IR	Cucumber pulp/ Whole Meal Food	0.75 to 6 g%	NA	India
98	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
99	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
100	Fingolimod	LC-MS/MS (API 4000)	Human Blood	25 to 3000 pg/mL	K ₂ EDTA	India
101	Fingolimod Phosphate	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
102	Fingolimod Phosphate	LC-MS/MS (Thermo)	Human Blood	75 to 4000 pg/mL	K ₂ EDTA	India
103	Fingolimod Phosphate	LC-MS/MS (API 6500)	Human Blood	20 to 1500 pg/mL	K ₂ EDTA	India
104	Fingolimod Phosphate	LC-MS/MS (API 6500)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
105	Fludrocortisone	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 3000 pg/mL	K ₂ EDTA	India
106	Fluticasone	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
107	Fluticasone Furoate	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	India
108	Fluticasone Propionate	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
109	Fluticasone Propionate	LC-MS/MS (API 6500)	Human Plasma	1.5 to 150 pg/mL	K ₂ EDTA	India
110	Fluvastatin (R & S)	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
111	Fluvastatin (R & S)	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	Heparin	India
112	Formoterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 150 pg/mL	K ₂ EDTA	India
113	Formoterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 60 pg/mL	K ₂ EDTA	India
114	Free DM1	LC-MS/MS (API 6500)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
115	Gestodene	LC-MS/MS (API 6500)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India

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

Premium Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
131	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
132	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
133	6-Keto prostaglandin F1α	LC-MS/MS (Shimadzu 8040)	Human Urine	0.125 to 10 ng/mL	NA	India
134	Latanoprost Acid	LC-MS/MS (Shimadzu 8060)	Human Plasma	100 to 1000 pg/mL	K ₂ EDTA	India
135	Lercanidipine (R & S)	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 pg/mL	Sodium heparin	India
136	Lercanidipine (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 ng/mL	Heparin	India
137	Lercanidipine (R & S)	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 16000 pg/mL	Sodium heparin	India
138	Levosalbutamol (Levabuterol)	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 750 pg/mL	K ₂ EDTA	India
139	Levosalbutamol (Levabuterol)	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 3000 pg/mL	K ₂ EDTA	India
140	Levothyroxin (T4)	LC-MS/MS (API 3200)	Human Serum	5 to 300 ng/mL	NA	India
141	Levothyroxin (T4)	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
142	Levothyroxin (T4)	LC-MS/MS (API 6500/6500+)	Human Serum	5 to 300 ng/mL	NA	India
143	Liothyronine	LC-MS/MS (Thermo)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
144	Liothyronine	LC-MS/MS (Waters QPXE)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
145	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
146	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
147	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
148	15-hydroxy lubiprostone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
149	15-hydroxy lubiprostone	LC-MS/MS (API 6500)	Human Plasma	1 to 300 pg/mL	K ₂ EDTA	India
150	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
151	Medroxy Progesterone Acetate	LC-MS/MS (Thermo)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
152	Methotrexate (Encapsulated)	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	K ₃ EDTA	India
153	Methotrexate (free)	LC-MS/MS (API 4000)	Human Plasma	0.05 to 75 ng/mL	K ₃ EDTA	India
154	Misoprostol Acid	LC-MS/MS (API 6500)	Human Plasma	5 to 750 pg/mL	K ₂ EDTA	India
155	Misoprostol Acid	LC-MS/MS (API 4000)	Human Plasma	10 to 1700 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
156	Misoprostol Acid	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
157	Nabilone	LC-MS/MS (Thermo)	Human Plasma	40 to 5000 pg/mL	K ₂ EDTA	India
158	New Chemical Entity-09	LC-MS/MS (Thermo)	Human Plasma	2 ng/mL	K ₂ EDTA	India
159	New Chemical Entity-10	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 ng/mL	K ₂ EDTA	India
160	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
161	New Chemical Entity-16	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 ng/mL, 0.5 ng/mL	K ₂ EDTA	India
162	New Chemical Entity-17	LC-MS/MS (Shimadzu 8045)	Human Plasma	100 ng/mL, 11 ng/mL	K ₂ EDTA	India
163	Niacin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
164	Niacin	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
165	Niacin Nicotinuric acid	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
166	Nicotine	LC-MS/MS (API 6500)	Human Plasma	0.4 to 50 ng/mL	K ₂ EDTA	Canada
167	Nitrazepam	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
168	Nitrazepam	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	K ₂ EDTA	India
169	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
170	Octreotide	LC-MS/MS (API 6500/6500+)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
171	Octreotide	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
172	Orlistat (Fat analysis)	FT-IR	Human Fecal/ Human Food	0.25 to 10 g %	NA	India
173	Oxazepam	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
174	Oxybutynin (S & R)	LC-MS/MS (API 4000)	Human Plasma	25 to 7500 pg/mL	K ₂ EDTA	India
175	Paclitaxel (Free)	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	Heparin	India
176	Paclitaxel (Free)	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
177	Paclitaxel (Free)	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1500 ng/mL	Sodium heparin	India
178	Paricalcitol	LC-MS/MS (Waters XEVOTQ-S)	Wistar Rat Plasma	50 to 30500 pg/mL	Sodium heparin	India
179	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
180	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
181	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
182	4-Hydroxy Phenyl Carvedilol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 5 ng/mL	K ₂ EDTA	India
183	Prasugrel active metabolite (R-138727)	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	Canada
184	Prasugrel active metabolite (R-138727)	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
185	Prasugrel active metabolite (R-138727)	LC-MS/MS (API 4000)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
186	Prasugrel active metabolite (R-138727)	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
187	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (Thermo)	Human Plasma	0.25 to 127 ng/mL	K ₂ EDTA	Canada
188	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
189	Prasugrel inactive metabolite (R-95913)	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
190	Progesterone	LC-MS/MS (Thermo)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	India
191	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 150 ng/mL	K ₂ EDTA	India
192	Progesterone	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
193	Progesterone	LC-MS/MS (Thermo)	Human Plasma	50 to 60000 pg/mL	K ₂ EDTA	India
194	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 40 ng/mL	K ₂ EDTA	India
195	Progesterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 80 ng/mL	K ₂ EDTA	India
196	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
197	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
198	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
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	Heparin	India
200	Risedronate	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	30 to 80000 pg/mL	Sodium heparin	India
201	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 80 ng/mL	Heparin	India
202	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 160 ng/mL	Heparin	India
203	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 250 ng/mL	Heparin	India
204	Risedronate	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
205	Risedronate	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.05 to 150 ng/mL	Sodium heparin	India
206	Salmeterol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
207	Semaglutide	LC-MS/MS (API 6500)	Human Plasma	2 to 100 ng/mL	K ₂ EDTA	India
208	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
209	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
210	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

Premium Methods

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
211	Tacrolimus	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 500 pg/mL	K ₂ EDTA	India
212	Teicoplanin component (A 3)	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
213	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
214	Temozolomide	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
215	Temozolomide Metabolite (MTIC)	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 600 ng/mL	Heparin	India
216	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
217	Tetranor-PGEM	LC-MS/MS (API 4000)	Human Urine	1 to 50 ng/mL	NA	India
218	Thromboxane B2	LC-MS/MS (Shimadzu 8040)	Human Urine	0.2 to 20 ng/mL	Not applicable	India
219	11-dehydro Thromboxane B2	LC-MS/MS (Shimadzu 8040)	Human Urine	0.1 to 20 ng/mL	NA	India
220	Tranilcypromine-S Tranilcypromine-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
221	Ursodiol (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 8010 ng/mL	K ₃ EDTA	India
222	Vilanterol	LC-MS/MS (Shimadzu 8060)	Human Plasma	4 to 400 pg/mL	K ₂ EDTA	India
223	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	Pertuzumab*	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
10	Ranibizumab*	Sandwich ELISA	Human Serum	200 to 6400 pg/mL	NA	India
11	rHu-FSH	Electrochemiluminescence Immunoassay	Human Serum	0.156 to 20 mIU/mL	NA	India
12	Romiplostim*	Sandwich ELISA	Human Serum	0.04 to 5.00 ng/mL	NA	India
13	Teriparatide	Sandwich ELISA	Human Serum	10 to 400 pg/mL	NA	India
14	Teriparatide*	LC-MS/MS (6500 QTRAP)	Human Serum	5 to 500 pg/mL	NA	India
15	Trastuzumab	LC-MS/MS (6500 QTRAP)	Human Serum	5 to 500 µg/mL	NA	India
16	Trastuzumab (SC)	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
17	Vedolizumab	Sandwich ELISA	Human Serum	125 to 4000 ng/mL	NA	India
18	Trastuzumab Emtansine*	Sandwich ELISA	Human Serum	40 to 1280 ng/mL	NA	India
19	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 & Titer Assays	India
2	Aflibercept	ECLIA	Rabbit Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
3	Bevacizumab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
4	Bevacizumab	ELISA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
5	Bevacizumab	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
6	Denosumab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
7	Denosumab	ELISA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
8	Daratumumab	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
9	FSH	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
10	FSH	Cell-based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
11	FSH	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
12	GCSF	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
13	GCSF	Cell-based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
14	Nivolumab	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
15	PEG-GCSF	Cell-based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
16	PEG G-CSF	ECLIA (MSD)	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
17	Pertuzumab	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
18	Pertuzumab	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
19	Pembrolizumab (Preclinical)	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
20	Ranibizumab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
21	Ranibizumab	ELISA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
22	rH Hyaluronidase	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India

S.N.	Drug Name	Assay Platform	Matrix	Assay	Location
23	Rituximab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
24	Romiplostim	ECLIA (MSD)	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
25	Teriperatide	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
26	Teriperatide	ELISA	Human Serum	Cross reactivity of anti-teriparatide antibody to native PTH	India
27	Teriperatide	Cell-based assay	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
28	Trastuzumab	ELISA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
29	Trastuzumab (SC)	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
30	Trastuzumab (SC)	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
31	TDM1 (Preclinical)	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
32	Trastuzumab (SC)	ECLIA	mice serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
33	TDM1 ADA	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
34	TDM1 NAB*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	India
35	Vedolizumab	ECLIA	Rabbit Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
36	Trinbelimab*	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
37	Hyloronidase*	ECLIA	Rat Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
38	Semaglutide*	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
39	Aflibercept*	ECLIA	Human Serum	Anti-Drug Antibody Screening, Confirmatory & Titer Assays	India
40	Aflibercept*	ECLIA	Human Serum	Anti-Drug Neutralizing Antibody Assay	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 (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
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	Sodium heparin	India
50	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
51	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
52	Amlodipine Valsartan	LC-MS/MS (API 4000)	Human Plasma	0.1 to 7 ng/mL 50 to 8000 ng/mL	K ₂ EDTA	India
53	Amlodipine Valsartan	LC-MS/MS (API 4000)	Human Plasma	0.1 to 15 ng/mL 50 to 20000 ng/mL	K ₂ EDTA	India
54	Amlodipine Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 10 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
55	Amiloride	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 20 ng/mL	K ₂ EDTA	India
56	Amiodarone	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 1500 ng/mL	K ₂ EDTA	India
57	Amiodarone N-Desethyl Amiodarone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL 2 to 100ng/mL	K ₂ EDTA	India
58	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
59	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
60	Amitriptiline	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 90 ng/mL	K ₂ EDTA	India
61	Amitriptiline	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
62	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
63	Amoxicillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 35 µg/mL	K ₂ EDTA	India
64	Amoxicillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 µg/mL	K ₂ EDTA	India
65	Amoxicillin	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	75 to 35000 ng/mL	Sodium heparin	India
66	Amoxicillin Clavulanic acid	LC-MS/MS (API 4000)	Human Plasma	100 to 15000 ng/mL 5 to 2000 ng/mL	Sodium heparin	India
67	Amoxicillin Clavulanic acid	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 35000 ng/mL 10 to 3450 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
68	Amoxicillin	LC-MS/MS (API 3200)	Human Plasma	75 to 35000 ng/mL	Sodium heparin	India
69	Amphotericin-B	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
70	Amphotericin B	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	100 to 2000 pg/mL	K ₂ EDTA	India
71	Amphotericin-B (Total)	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 µg/mL	K ₂ EDTA	India
72	Amphotericin B (Free) (Liposomal)*	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
73	Amphotericin B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
74	Amphotericin B Encapsulated & Total*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 75 µg/mL	K ₂ EDTA	India
75	Amphotericin-B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 5000 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 Encapsulated*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.25 to 75 µg/mL	K ₂ EDTA	India
78	Amphotericin-B (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
79	Anastrozole	LC-MS/MS (API 3200)	Human Plasma	0.25 to 25 ng/mL	Sodium heparin	India
80	Anagrelide*	LC-MS/MS (Thermo)	Human Plasma	0.05 to 10 ng/mL	K ₃ EDTA	India
81	Apalutamide	LC-MS/MS (API 4000)	Human Plasma	15 to 2500 ng/mL	K ₂ EDTA	India
82	Apalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
83	Apixaban	LC-MS/MS (Thermo)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India
84	Apixaban	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India
85	Apovincaminic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India

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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
102	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
103	Atorvastatin	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
104	Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 60 ng/mL	K ₂ EDTA	India
105	Atorvastatin	LC-MS/MS (API 3200)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
106	Atorvastatin	LC-MS/MS (API 4000)	Human Plasma	0.1 to 150 ng/mL	K ₂ EDTA	India
107	Atorvastatin	LC-MS/MS (API 6500)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	India
108	Atovaquone	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
109	Atovaquone	LC-MS/MS (API 3200)	Human Plasma	30 to 7500 ng/mL	K ₂ EDTA	India
110	Atovaquone	LC-MS/MS (API 4000)	Human Plasma	100 to 20000 ng/mL	K ₂ EDTA	India
111	Avatrombopag	LC-MS/MS (API 6500)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
112	5-Azacytidine*	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
113	5-Azacytidine*	LC-MS/MS (Shimadzu 8060)	Human Plasma	3 to 500 ng/nL	Sodium heparin	India
114	Azathioprine	LC-MS/MS (Thermo)	Human Plasma	0.15 to 50 ng/mL	K ₂ EDTA	India
115	Azelastine* N-desmethyl Azelastine*	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 pg/mL 7 to 500 pg/mL	K ₂ EDTA	India
116	Azithromycin	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
117	Azithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
118	Azithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 1010 ng/mL	K ₂ EDTA	India
119	Azithromycin	LC-MS/MS (API 3200)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
120	Alectinib	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
121	Alectinib	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	Canada
122	Alectinib	LC-MS/MS (API 4000)	Human Plasma	1 to 175 ng/mL	K ₂ EDTA	India
123	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
124	Amitriptyline Nortriptyline	LC-MS/MS (API 3000)	Human Plasma	0.4 to 51 ng/mL	K ₂ EDTA	Canada
125	Amlodipine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 13 ng/mL	K ₃ EDTA	Canada
126	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
127	Amphotericin B	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	Canada
128	Apixaban	LC-MS/MS (API 6500)	Human Plasma	0.251 to 301.631 ng/mL	K ₂ EDTA	Canada
129	Atazanavir	LC-MS/MS (Thermo)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	Canada
130	Atomoxetine	LC-MS/MS (Thermo)	Human Plasma	0.500 to 500 ng/mL	K ₂ EDTA	Canada
131	Atomoxetine	LC-MS/MS (Thermo)	Human Plasma	2.5 to 2500 ng/mL	K ₂ EDTA	Canada
132	Atomoxetine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
133	Atomoxetine 4-Hydroxyatomoxetine N-Desmethyلاتomoxetine	LC-MS/MS (Thermo)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
134	Atorvastatin	LC-MS/MS (Thermo)	Human Plasma	0.3 to 300 ng/mL	Sodium heparin	Canada
135	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
136	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
137	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
138	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
139	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
140	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
141	Axitinib	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	Canada
142	Azilsartan	LC-MS/MS (API 3200)	Human Plasma	100 to 1500 ng/mL	K ₂ EDTA	India
143	Azithromycin	LC-MS (API 150)	Human Plasma	5 to 1280 ng/mL	Sodium heparin	Canada
144	Baclofen (R & S) *	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
145	Baclofen	LC-MS/MS (API 6500)	Human Plasma	5 to 999.542 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
146	Baclofen	LC-MS/MS (API 4000)	Human Plasma	5 to 750 ng/mL	K ₂ EDTA	India
147	Baricitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
148	Betamethasone Betamethasone Acetate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	Canada
149	Betamethasone Phosphate	LC-MS/MS (Thermo)	Human Plasma	2 to 500ng/mL	K ₂ EDTA	Canada
150	Bosutinib	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
151	Barnidipine	LC-MS/MS (Thermo)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	Canada
152	Barnidipine	LC-MS/MS (Thermo)	Human Plasma	15 to 7000 pg/mL	K ₂ EDTA	Canada
153	R-Baclofen	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	Canada
154	R-Baclofen S-Baclofen	LC-MS/MS (Thermo)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	Canada
155	R-Baclofen S-Baclofen	LC-MS/MS (Thermo)	Human Urine	2 to 2000 ng/mL	NA	Canada
156	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
157	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
158	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
159	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
160	Benazepril Benazeprilat	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2500 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
161	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
162	Bendroflumethiazide	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
163	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
164	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
165	Benzhexol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.02 to 20 ng/mL	K ₂ EDTA	India
166	Bestatin	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
167	Betahistine*	LC-MS/MS (API 6500)	Human Plasma	7.5 to 2000 pg/mL	K ₂ EDTA	India
168	Bexarotene	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
169	Bezafibrate	LC-MS/MS (API 4000)	Human Plasma	80 to 22000 ng/mL	K ₂ EDTA	India
170	Bezafibrate	LC-MS/MS (API 4000)	Human Plasma	20 to 22000 ng/mL	K ₂ EDTA	India
171	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	10 to to 1000 ng/mL	Heparin	India
172	Bicalutamide	LC-MS/MS (API 3200)	Human Plasma	25 to 4500 ng/mL	K ₂ EDTA	India
173	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	50 to 2000 ng/mL	K ₂ EDTA/Heparin	India
174	Bicalutamide	LC-MS/MS (API 2000)	Human Plasma	100 to 5000 ng/mL	K ₂ EDTA	India
175	Bicalutamide (R & S) *	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
176	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
177	Bictegravir	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 12000 ng/mL	K ₂ EDTA	India
178	Bilastine	LC-MS/MS (API 4000)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
179	Bisoprolol	LC-MS/MS (API 3200)	Human Plasma	0.5 to 80 ng/mL	K ₂ EDTA	India
180	Bisoprolol	LC-MS/MS (API 4000)	Human Plasma	0.25 to 40 µg/mL	K ₂ EDTA	India
181	Bisoprolol	LC-MS/MS (API 3200)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
182	Bosentan	LC-MS/MS (API 3200)	Human Plasma	5 to 6000 ng/mL	K ₂ EDTA	India
183	Bosentan	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
184	Bortezomib*	LC-MS/MS (Thermo)	Rat Plasma	0.5 to 500 ng/mL	Sodium heparin	India
185	Bortezomib*	LC-MS/MS (Waters QPXE)	Rat Plasma	2 to 8000 ng/mL	Sodium heparin	India
186	Brexpiprazole	LC-MS/MS (Thermo)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
187	Brexpiprazole	LC-MS/MS (Thermo)	Human Plasma	0.5 to 120 ng/mL	K ₂ EDTA	India
188	Brivaracetam	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	K ₂ EDTA	India
189	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 4000 pg/mL	K ₂ EDTA	India
190	Budesonide*	LC-MS/MS (Thermo)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
191	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
192	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
193	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
194	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 5000 pg/mL	K ₂ EDTA	India
195	Budesonide*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India
196	Budesonide	LC-MS/MS (API 6500)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	Canada
197	Budesonide*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
198	Buspirone	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 30000 pg/mL	K ₂ EDTA	India
199	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
200	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
201	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
202	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
203	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
204	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
205	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
206	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
207	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
208	Buprenorphine Norbuprenorphine	LC-MS/MS (API 3000)	Human Plasma or Dog Plasma	0.1 to 25 ng/mL	Sodium heparin	Canada
209	Buprenorphine Norbuprenorphine	LC-MS/MS (API 6500)	Human Plasma	25 to 10000 pg/mL 50 to 10000 pg/mL	Sodium heparin	Canada
210	Bupropion	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
211	Bupropion	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
212	Bupropion	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
213	Bupropion	LC-MS/MS (API 3200)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
214	Bupropion Hydroxybupropion	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
215	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
216	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
217	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
218	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
219	Cabazitaxel (Total)	LC-MS/MS (Waters QPXE)	Human/Dog Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
220	Cabazitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	0.75 to 500 ng/mL	K ₂ EDTA	India
221	Cabazitaxel	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
222	Cabazitaxel (Free)	LC-MS/MS (Thermo)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	India
223	Cabergoline*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 80 pg/mL	K ₃ EDTA	India
224	Cabozanitinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
225	Cabozanitinib	LC-MS/MS (API 3200)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
226	Cabozanitinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1400 ng/mL	K ₂ EDTA	India
227	Calcitriol*	LC-MS/MS (API 6500)	Human Plasma	10 to 300 pg/mL	K ₂ EDTA	India
228	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
229	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 750 ng/mL	K ₂ EDTA	India
230	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 350 ng/mL	K ₂ EDTA	India
231	Candesartan	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 160 ng/mL	K ₂ EDTA	India
232	Candesartan	LC-MS/MS (API 3200)	Human Plasma	5 to 750 ng/ml	K ₂ EDTA	India
233	Candesartan	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
234	Candesartan Hydrochlorothiazide	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 800 ng/mL 1 to 500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
235	Cannabidiol Tetrahydro Cannabinol	LC-MS/MS (API 6500)	Human Plasma	5-1000 ng/mL	K ₂ EDTA	Canada
236	Capecitabine	LC-MS/MS (API 4000)	Human Plasma	10 to 12000 ng/mL	K ₂ EDTA	India
237	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
238	Capecitabine* 5-fluorouracil*	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL 5 to 760 ng/mL	K ₂ EDTA	India
239	Capecitabine* 5-Fluorouracil*	LC-MS/MS (Thermo)	Human Plasma	10 to 10000 ng/mL 5 to 1000 ng/mL	K ₂ EDTA	India
240	Captopril	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
241	Carbamazepine	LC-MS/MS (API 3200)	Human Plasma	50 to 7000 ng/mL	K ₂ EDTA	India
242	Carbamazepine	LC-MS/MS (API 2000)	Human Plasma	0.5 to 20 µg/mL	K ₂ EDTA	India
243	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
244	Carbamazepine 10, 11- Epoxide	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 500 ng/mL	K ₂ EDTA	India
245	Carbidopa	LC-MS/MS (Thermo)	Human Plasma	0.7 to 230 ng/mL	K ₂ EDTA	India
246	Carprofen*	LC-MS/MS (API 3200)	Beagle Dog Plasma	0.5 to 100 µg/mL	K ₂ EDTA	India
247	Carvedilol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
248	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
249	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
250	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
251	Cefixime	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
252	Cefixime	LC-MS/MS (Waters QPXE)	Human Plasma	0.025 to 9 µg/mL	K ₂ EDTA	India
253	Cefpodoxime	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	India
254	Cefuroxime	LC-MS/MS (Waters QPXE)	Human Plasma	0.025 to 7.5 µg/mL	K ₂ EDTA	India
255	Cefuroxime	LC-MS/MS (Thermo)	Human Plasma	100 to 20135 ng/mL	K ₂ EDTA	Canada
256	Cefuroxime	LC-MS/MS (API 3200)	Human Plasma	0.025 to 15 µg/mL	K ₂ EDTA	India
257	Celecoxib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4000 ng/mL	Heparin	India
258	Celecoxib	LC-MS/MS (AB SCIEX API 6500)	Human Plasma	5 to 4004 ng/mL	K ₂ EDTA	Canada
259	Celecoxib	LC-MS/MS (API 3000)	Human Plasma	20 to 2560 ng/mL	K ₂ EDTA	Canada
260	Cephalexin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
261	Cetirizine	LC-MS/MS (API 3000)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
262	Cetirizine Pseudoephedrine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL 5 to 1500 ng/mL	K ₂ EDTA	Canada
263	Cetirizine	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 600 ng/mL	Sodium heparin	India
264	Cetirizine	LC-MS/MS (API 3200)	Human Plasma	5 to 500 ng/mL	Heparin	India
265	Cetyl pyridinium chloride	LC-MS/MS (API 4000)	Human plaque	10 to 5000 ng/mL	N/AP	India
266	CG-P5 (Peptide)	LC-MS/MS (API 6500)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	Canada
267	Chlorpheniramine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 51 ng/mL	K ₂ EDTA	Canada
268	Chlorpromazine	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
269	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
270	Chlorthalidone	LC-MS/MS (Thermo)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	Canada
271	Chlorzoxazone	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	Canada
272	Cilazapril Cilazaprilat	LC-MS/MS (API 3000)	Human Plasma	1 to 256 ng/mL 0.25 to 64 ng/mL	K ₃ EDTA	Canada
273	Cilazapril Cilazaprilat	LC-MS/MS (API 3000)	Human Plasma	4 to 1024 ng/mL 1 to 256 ng/mL	K ₃ EDTA	Canada
274	Cilostazol	LC-MS/MS (API 2000)	Human Plasma	10 to 2000 ng/mL	K ₂ EDTA	India
275	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	Heparin	India
276	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	Heparin	India
277	Cimetidine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 10000 ng/mL	Heparin	India
278	Cinacalcet	LC-MS/MS (API 3200)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
279	Cinacalcet	LC-MS/MS (API 3200)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
280	Cinacalcet	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
281	Cinacalcet	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
282	Ciprofibrate	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 60 µg/mL	K ₂ EDTA	India
283	Ciprofloxacin	LC-MS/MS (THERMO)	Human Plasma	50 to 4000 ng/mL	K ₃ EDTA	Canada
284	Citalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
285	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
286	S-citalopram	LC-MS/MS (Shimadzu 8040)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
287	S-citalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
288	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
289	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
290	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
291	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
292	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
293	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
294	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
295	Citric Acid*	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 1500 µg/mL	NA	India
296	Citric Acid*	LC-MS/MS (Waters QPXE)	Human Urine, Artificial Matrix	5 to 750 µg/mL	NA	India
297	Cladribine	LC-MS/MS (API 6500)	Human Plasma	0.1 to 60.266 ng/mL	Sodium heparin	Canada
298	Cladribine	LC-MS/MS (Waters XEVO TQS)	Human Plasma	0.25 to 200 ng/mL	Sodium heparin	India
299	Clarithromycin	LC-MS/MS (API 300 or 3000)	Human Plasma	20 to 5120 ng/mL	Sodium heparin	Canada
300	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
301	Clavulanic acid	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 5000 ng/mL	Sodium heparin	India
302	Clavulanic acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 7000 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
303	Clavulanic Acid	LC-MS/MS (API 300 or 3000)	Human Plasma	25 to 1600 ng/mL	Sodium heparin	Canada
304	Clindamycin	LC-MS/MS (API 2000)	Human Plasma	50 to 8000 ng/mL	K ₂ EDTA	India
305	Clindamycin	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 7015 ng/mL	K ₂ EDTA	India
306	Clobazam	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
307	Clobazam	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	Canada
308	Clobazam N-desmethyl clobazam	LC-MS/MS (Thermo)	Human Plasma	5 to 600 ng/mL 5 to 500 ng/mL	K ₂ EDTA	India
309	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
310	Clobazam N-Desmethyl Clobazam	LC-MS/MS (Thermo)	Human Plasma	5 to 600 ng/mL 5 to 500 ng/mL	K ₂ EDTA	Canada
311	Clonazepam	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 51 ng/mL	Sodium heparin	Canada
312	Clonidine	LC-MS/MS (Thermo)	Human Plasma	0.03 to 2 ng/mL	K ₂ EDTA	Canada
313	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	2 to 800 ng/ml	K ₂ EDTA	India
314	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	2 to 250 pg/mL	K ₂ EDTA	India
315	Clonidine*	LC-MS/MS (API 6500)	Human Plasma	5 to 2000 pg/mL	K ₂ EDTA	India
316	Clopidogrel Thiol	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	Canada
317	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	20 to 4000 pg/mL	Heparin	India
318	Clopidogrel	LC-MS/MS (API 6500)	Human Plasma	5 to 3000 pg/mL	Sodium heparin	India
319	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 pg/mL	Sodium heparin	India
320	Clopidogrel	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
321	Clopidogrel	LC-MS/MS (API 6500)	Human Plasma	5 to 4000 pg/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
322	Clopidogrel	LC-MS/MS (Thermo)	Human Plasma	0.05 to 51 ng/mL	Sodium heparin	Canada
323	Clopidogrel Carboxy acid	LC-MS/MS (API 2000)	Human Plasma	30 to 5000 ng/mL	Heparin	India
324	Clopidogrel Carboxylic Acid	LC-MS/MS (Thermo)	Human Plasma	0.049 to 25 µg/mL	K ₂ EDTA	Canada
325	Clopidogrel*	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 4000 pg/mL	Sodium heparin	India
326	Clozapine	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
327	Clozapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	K ₂ EDTA	India
328	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
329	Codeine	LC-MS/MS (Thermo)	Human Plasma	0.7 to 400 ng/mL	K ₂ EDTA	Canada
330	Codeine Caffeine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 250ng/mL 25 to 2500ng/mL	K ₂ EDTA	Canada
331	Colchicine	LC-MS/MS (API 4000)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
332	Copper Isochlorin-E4*	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	India
333	Crisaborole	LC-MS/MS (Thermo)	Human Plasma	0.05 to 100 ng/mL	K ₂ EDTA	Canada
334	Cyclizine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
335	Cyclophosphamide	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
336	Cyclophosphamide	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
337	Cycloserine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
338	Cyclosporine	LC-MS/MS (API 4000)	Human Blood	10 to 1000 ng/mL	K ₂ EDTA	India
339	Cyproterone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 40 ng/mL	K ₂ EDTA	India
340	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
341	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
342	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
343	S-Methyl N,N-Diethyl dithiocarbamate	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
344	Dabigatran* [Total- (Conjugated + Unconjugated)]	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	Sodium Citrate	India
345	11-dehydro Thromboxane B2*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.1 to 20 ng/mL	NA	India
346	17-Desacetyl Norgestimate	LC-MS/MS (API 4000)	Human Plasma	0.05 to 7.5 ng/mL	K ₂ EDTA	India
347	2,3-Dinor-6-keto prostaglandin F1α*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.5 to 25 ng/mL	NA	India
348	3 De-Methylthiocolchicine 3-O-β-D-Glucuronide	LC-MS/MS (API 4000)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
349	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
350	Dabigartan Free	LC-MS/MS (Thermo)	Human Plasma	1.018 to 300.221 ng/mL	Sodium Citrate	Canada
351	Dabigartan Total	LC-MS/MS (Thermo)	Human Plasma	1.004 to 501.3471 ng/mL	Sodium Citrate	Canada
352	Dabigatran (Unconjugated)*	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
353	Dabigatran (Unconjugated)*	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	Sodium Citrate	India
354	Dabigatran (Unconjugated)*	LC-MS/MS (API 3200)	Sprague Dawley Rat plasma	5 to 10000 ng/mL	Sodium Citrate	India
355	Daclatasvir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
356	Dalfampridine/Fampridine	LC-MS/MS (API 3200)	Human Plasma	0.2 to 60 ng/mL	K ₂ EDTA	India
357	Dalfampridine/Fampridine	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 60 ng/mL	K ₂ EDTA	India
358	Dapagliflozin	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
359	Dapagliflozin	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
360	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.05 to 50 ng/mL	K ₂ EDTA	India
361	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.02 to 10 ng/mL	K ₂ EDTA	India
362	Dapsone	LC-MS/MS (API 4000)	Human Plasma	0.01 to 6 ng/mL	K ₂ EDTA	India
363	Dapsone	LC-MS/MS (API 6500)	Human Plasma	0.025 to 10.0 ng/mL	K ₂ EDTA	Canada
364	Darunavir	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
365	Darunavir	LC-MS/MS (API 3000)	Human Plasma	10 to 6400 ng/mL	K ₂ EDTA	Canada
366	Dasatinib	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
367	Dasatinib	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
368	Deferasirox	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	India
369	Desmopressin*	LC-MS/MS (API 6500+)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
370	Dexamethasone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 60 ng/mL	K ₂ EDTA	India
371	Dexamethasone	LC-MS/MS (Thermo)	Human Plasma	0.2 to 60 ng/mL	K ₂ EDTA	Canada
372	Dexibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	India
373	Dexketoprofen	LC-MS/MS (API 2000)	Human Plasma	10 to 10000 ng/mL	K ₂ EDTA	India
374	Dexmethylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 40 ng/mL	NaF & KOx	Canada
375	Dextroamphetamine	LC-MS/MS (API 3000)	Human Plasma	0.2 to 51 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
376	Dextromethorphan Dextrophan	LC-MS/MS (API 6500)	Human Plasma	50.0 to 20000 pg/mL	K ₂ EDTA	Canada
377	Dextromethorphan Dextrophan Pseudoephedrine	LC-MS/MS (API 3000)	Human Plasma	0.1 to 51 ng/mL 1 to 512 ng/mL	Sodium heparin	Canada
378	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
379	Dextromethorphan Detrorphan	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL 0.1 to 50 ng/mL	K ₂ EDTA	Canada
380	Diazepam	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
381	Diazepam	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
382	Diazepam	LC-MS/MS (Thermo)	Human Plasma	2 to 755 ng/mL	K ₂ EDTA	Canada
383	Diazepam*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
384	Diclofenac	LC-MS/MS (API 2000)	Human Plasma	5 to 2000 ng/mL	Heparin	India
385	Diclofenac	LC-MS/MS (API 2000)	Human Plasma	10 to 5000 ng/mL	Heparin	India
386	Diclofenac	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
387	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
388	Diclofenac	LC-MS/MS (API 4000)	Human Plasma	0.075 to 25 ng/mL	K ₂ EDTA	India
389	Diclofenac	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada
390	Diclofenac	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
391	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
392	Diclofenac	LC-MS/MS (API 3200)	Human Plasma	2.5 to 2500 ng/mL	K ₂ EDTA	India
393	Didanosine	LC-MS/MS (API 3000)	Human Plasma	10 to 1280 ng/mL	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
394	Dienogest	LC-MS/MS (API 6500)	Human Plasma	1 to 120 ng/mL	K ₂ EDTA	India
395	Dienogest	LC-MS/MS (Thermo)	Human Plasma	3 to 120 ng/mL	K ₂ EDTA	Canada
396	Digoxin	LC-MS/MS (Shimadzu 8060)	Human Plasma	25 to 3000 pg/mL	K ₂ EDTA	India
397	Digoxin	LC-MS/MS (Waters QPXE)	Human Urine	1 to 200 ng/mL	N/AP	India
398	Digoxin	LC-MS/MS (Shimadzu 8045)	Human Urine	0.4 to 40 ng/mL	N/AP	India
399	Diltiazem	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
400	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
401	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
402	Diltiazem Desacetyldiltiazem N-Desmethyldiltiazem	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL 0.1 to 75.1ng/mL 0.25 to 150.24 ng/mL	K ₂ EDTA	Canada
403	Diltiazem Desacetyldiltiazem N-Desmethyldiltiazem	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
404	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
405	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
406	Diphenhydramine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	Sodium heparin	Canada
407	Dipyridamole	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
408	Dipyridamole	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	India
409	Dipyridamole	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
410	Docetaxel	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
411	Docetaxel (free)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 300 ng/mL	K ₂ EDTA	India
412	Docetaxel (free)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
413	Docetaxel (total)	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 15000 ng/mL	K ₂ EDTA	India
414	Docetaxel*	LC-MS/MS (Waters QPXE)	Beagle Dog Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
415	Dofetilide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
416	Dofetilide	LC-MS/MS (API 6500)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
417	Dolutegravir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
418	Domperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
419	Domperidone	LC-MS/MS (API 4000)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
420	Donepezil	LC-MS/MS (API 3200)	Human Plasma	0.5 to 40 ng/mL	K ₂ EDTA	India
421	Donepezil	LC-MS/MS (Thermo)	Human Plasma	0.25 to 64 ng/mL	K ₂ EDTA	Canada
422	Doxazosin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 16 ng/mL	K ₂ EDTA	India
423	Doxepin Nordoxepin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 65 ng/mL 0.1 to 30 ng/mL	K ₂ EDTA	India
424	Doxepin Nordoxepin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 26 ng/mL 0.1 to 12 ng/mL	K ₂ EDTA	India
425	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
426	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
427	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
428	Doxorubicin (Encapsulated and total)	LC-MS/MS (Waters QPXE)	Human Plasma	150 to 60000 ng/mL	K ₃ EDTA	India
429	Doxorubicin (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 750 ng/mL	K ₃ EDTA	India
430	Doxorubicinol*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 20 ng/mL	K ₃ EDTA	India
431	Doxylamine	LC-MS/MS (API 3200)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
432	DPP IV (Gly pro)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.6 to 50 µg/mL	Heparin	India
433	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
434	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
435	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
436	Drospirenone	LC-MS/MS (API 4000)	Human Plasma	0.5 to 175 ng/mL	K ₂ EDTA	India
437	Drospirenone	LC-MS/MS (API 4000)	Human Plasma	0.5 to 100 ng/mL	K ₃ EDTA	India
438	Drotaverine	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
439	Duloxetine	LC-MS/MS (API 3200)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
440	Duloxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 200 ng/mL	Sodium heparin	India
441	Duloxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 300 ng/mL	Sodium heparin	India
442	Duloxetine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada
443	Duloxetine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
444	Duloxetine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL	Sodium heparin	Canada
445	Dutasteride	LC-MS/MS (API 4000)	Human Plasma	0.05 to 7.5 ng/mL	K ₂ EDTA	India
446	Dutasteride	LC-MS/MS (Thermo)	Human Plasma	60 to 5120 pg/mL	K ₂ EDTA	Canada
447	Dutasteride	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	3 to 1000 pg/mL	K ₂ EDTA	India
448	Dydrogesterone*	LC-MS/MS (API 6500)	Human Plasma	50 to 5000 pg/mL	K ₂ EDTA	India
449	N-Desmethyl Diazepam	LC-MS/MS (API 4000)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
450	Ebastine Carebastine	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
451	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
452	17 β -Estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 100 pg/mL	K ₂ EDTA	India
453	17 β -Estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 600 pg/mL	K ₃ EDTA	India
454	17 β -Estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 800 pg/mL	K ₂ EDTA	India
455	17 β -Estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
456	17 β -Estradiol	LC-MS/MS (API 6500)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	Canada
457	Ebastine Carebastine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 12000 pg/mL 1 to 500 ng/mL	K ₂ EDTA	India
458	Ebastine Carebastine	LC-MS/MS (API 4000)	Human Plasma	25 to 12000 pg/mL 1 to 500 ng/mL	K ₂ EDTA	India
459	Ebastine Carebastine	LC-MS/MS (API 4000)	Human Plasma	12 to 7500 pg/mL 1 to 250 ng/mL	K ₂ EDTA	India
460	Edoxaban	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
461	Efavirenz	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
462	Efavirenz	LC-MS/MS (API 4000)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
463	Efavirenz	LC-MS (API 150)	Human Plasma	0.02 to 5 µg/mL	Sodium heparin	Canada
464	Efavirenz	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
465	Elagolix	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
466	Eliglustat	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
467	Eliglustat	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
468	Eltrombopag	LC-MS/MS (API 4000)	Human Plasma	50 to 15000 ng/mL	K ₂ EDTA	India
469	Eltrombopag	LC-MS/MS (API 3200)	Human Plasma	75 to 15000 ng/mL	K ₂ EDTA	India
470	Eltrombopag	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
471	Eltrombopag	LC-MS/MS (API 4000)	Human Plasma	75 to 15000 ng/mL	K ₂ EDTA	India
472	Empagliflozin	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
473	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 1000 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
474	Empagliflozin Metformin	LC-MS/MS (API 4000)	Human Plasma	2 to 500 ng/mL 5 to 3500 ng/mL	K ₂ EDTA	India
475	Emtricitabine	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
476	Emtricitabine	LC-MS/MS (API 4000)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	India
477	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
478	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
479	Enalapril Enalaprilat	LC-MS/MS (Thermo)	Human Plasma	0.5 to 400 ng/mL 0.5 to 200 ng/mL	K ₂ EDTA	India
480	Enalapril Enalaprilat	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL 0.2 to 50 ng/mL	K ₂ EDTA	India
481	Enalapril Enalaprilat	LC-MS/MS (API 3000)	Human Plasma	0.25 to 256 ng/mL	K ₂ EDTA	Canada
482	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
483	Enalapril Enalaprilat Hydrochlorthiazide	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
484	Endoxifen	LC-MS/MS (Thermo)	Human Plasma	25 to 10000 pg/mL	K ₂ EDTA	India
485	Endoxifen	LC-MS/MS (API 3200)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
486	Endoxifen	LC-MS/MS (Thermo)	Miceplasma Extract	0.1 to 100 ng/mL	K ₂ EDTA	Canada
487	Enoxaparin (Anti - Factor Xa and Anti Factor IIa activity)	Enzymatic Ligand Binding Assay with colorimetric endpoint	Human Plasma	N/AP	Sodium Citrate	India
488	Enrofloxacin	LC-MS/MS (Thermo)	BeagleDog plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada
489	Entacapone	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	Sodium heparin	India
490	Entacapone	LC-MS/MS (API 4000)	Human Plasma	7.5 to 5500 ng/mL	Sodium heparin	India
491	Entecavir	LC-MS/MS (API 4000)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
492	Enzalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 15000 ng/mL	K ₂ EDTA	India
493	Enzalutamide	LC-MS/MS (Waters QPXE)	Human Plasma	6 to 3005 ng/mL	K ₂ EDTA	India
494	Enzalutamide	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 15000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
495	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
496	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
497	Epinephrine	LC-MS/MS (API 6500)	Human Plasma	20 to 1500 pg/mL	K ₂ EDTA	Canada
498	Epinephrine*	LC-MS/MS (API 6500)	Human Plasma	4 to 1500 pg/mL	K ₂ EDTA	India
499	Epinephrine (Low Aliquoting Volume) *	LC-MS/MS (API 6500)	Human Plasma	11 to 1500 pg/mL	K ₂ EDTA	Canada
500	Epinephrine (Rat Plasma)	LC-MS/MS (API 6500)	Human Plasma	0.1 to 500 ng/mL	K ₂ EDTA	Canada
501	Eplerenone	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	Sodium heparin	India
502	Eplerenone	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
503	Eprosartan	LC-MS/MS (API 2000)	Human Plasma	10 to 5000 ng/mL	Heparin	India
504	Eprosartan	LC-MS/MS (Thermo)	Human Plasma	5 to 3840 ng/mL	K ₂ EDTA	Canada
505	Erlotinib	LC-MS/MS (API 3200)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
506	Erlotinib	LC-MS/MS (API 4000)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
507	Escitalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
508	Escitalopram	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
509	Eslicarbazepine	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
510	Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 3000 ng/mL	K ₂ EDTA	India
511	Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
512	Esomeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
513	Esomeprazole	LC-MS/MS (Thermo)	Human Plasma	1 to 2000 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
514	Esomeprazole*	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat plasma	2 to 15000 ng/mL	K ₂ EDTA	India
515	Estrone (Total)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.3 to 60 ng/mL	K ₂ EDTA	India
516	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
517	Ethambutol	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
518	Ethosuximide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	40 to 10000 ng/mL	K ₂ EDTA	India
519	Ethosuximide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 24 µg/mL	K ₂ EDTA	India
520	Ethinyl Estradiol	LC-MS/MS (Thermo)	Human Plasma	3 to 128 pg/mL	K ₂ EDTA	Canada
521	Ethinyl Estradiol	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	Canada
522	Ethinyl Estradiol	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	Canada
523	Ethynyl estradiol*	LC-MS/MS (Thermo)	Human Plasma	2 to 300 pg/mL	K ₂ EDTA	India
524	Ethynyl estradiol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 200 pg/mL	K ₂ EDTA	India
525	Ethynyl estradiol*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 125 pg/mL	K ₂ EDTA	India
526	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India
527	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₃ EDTA	India
528	Ethynyl estradiol*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
529	Ethynyl estradiol*	LC-MS/MS (API 4000)	Human Plasma	2 to 400 pg/mL	K ₂ EDTA	India
530	Etoposide	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 µg/mL	K ₂ EDTA	India
531	Etoricoxib	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
532	Etravirine	LC-MS/MS (API 4000)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
533	Everolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.5 to 200 ng/mL	K ₂ EDTA	India
534	Everolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.25 to 75 ng/mL	K ₂ EDTA	India
535	Everolimus	LC-MS/MS (API 6500+)	Human Blood	0.1 to 40 ng/mL	K ₂ EDTA	India
536	Exemestane	LC-MS/MS (Thermo)	Human Plasma	0.25 to 50 ng/mL	Sodium heparin	India
537	Exemestane	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada
538	Exemestane	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
539	Ezetimibe (Total)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	Sodium heparin	India
540	Ezetimibe (Unconjugated)	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	Sodium heparin	India
541	Ezetimibe (Unconjugated)	LC-MS/MS (API 4000)	Human Plasma	0.075 to 30 ng/mL	Sodium heparin	India
542	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
543	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
544	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
545	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
546	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
547	Famotidine	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
548	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
549	Fat analysis in fecal*	FT-IR	Human Fecal	0.5 to 15 g% total fat	NA	India
550	Fat Analysis in fecal*	FT-IR	Human Fecal	0.5 to 10 g%	NA	India
551	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
552	Fat analysis in food*	FT-IR	Cucumber pulp/ Whole Meal Food	1 to 6 g%	NA	India
553	Fat analysis in food*	FT-IR	Cucumber pulp/ Whole Meal Food	0.75 to 6 g%	NA	India
554	Febuxostat	LC-MS/MS (API 3200)	Human Plasma	10 to 12000 ng/mL	K ₂ EDTA	India
555	Febuxostat	LC-MS/MS (API 3200)	Human Plasma	10 to 8000 ng/mL	K ₂ EDTA	India
556	Felodipine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.03 to 10 ng/mL	K ₂ EDTA	India
557	Felodipine	LC-MS/MS (Thermo)	Human Plasma	0.05 to 13 ng/mL	K ₂ EDTA	Canada
558	Fenofibric acid	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 µg/mL	K ₂ EDTA	India
559	Fenofibric acid	LC-MS/MS (API 3000)	Human Plasma	50 to 19200 ng/mL	K ₂ EDTA	Canada
560	Fenofibric acid	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 µg/mL	K ₂ EDTA	Canada
561	Fenofibric acid	LC-MS/MS (API 3200)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
562	Fenspiride	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
563	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
564	Fentanyl	LC-MS/MS (API 3000)	Human Plasma	0.02 to 20 ng/mL	Sodium heparin	Canada
565	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
566	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
567	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
568	Ferric carboxy maltose Associated Iron (Drug Bound Iron)	ICP-MS	Human Serum	6.012 to 601.800 µg/mL	NA	India
569	Ferumoxytol (Total Iron)**	ICP-MS	Human Serum	0.600 to 200 µg/mL	NA	India
570	Ferumoxytol (Transferrin Bound Iron)**	ICP-MS	Human Serum	0.600 to 7.500 µg/mL	NA	India
571	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
572	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
573	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
574	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
575	Fexofenadine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	Canada
576	Fexofenadine	LC-MS/MS (Thermo)	Human Plasma	3 to 3500 ng/mL	K ₂ EDTA	Canada
577	Fidaxomicin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
578	Finasteride	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	Heparin	India
579	Finasteride	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 30 ng/mL	Heparin	India
580	Finasteride	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	10 to 3000 pg/mL	K ₂ EDTA	India
581	Finerenone	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
582	Finerenone	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
583	Finglolimod	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	10 to 1000 pg/mL	K ₂ EDTA	India
584	Fingolimod	LC-MS/MS (Thermo)	Human Plasma	25 to 500 pg/mL	K ₂ EDTA	Canada
585	Fingolimod Phosphate	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 4000 pg/mL	K ₂ EDTA	Canada
586	Fingolimod Phosphate*	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
587	Fingolimod Phosphate*	LC-MS/MS (Thermo)	Human Blood	75 to 4000 pg/mL	K ₂ EDTA	India
588	Fingolimod Phosphate*	LC-MS/MS (API 6500)	Human Blood	50 to 4000 pg/mL	K ₂ EDTA	India
589	Fingolimod Phosphate*	LC-MS/MS (API 6500)	Human Blood	20 to 1500 pg/mL	K ₂ EDTA	India
590	Fingolimod*	LC-MS/MS (API 4000)	Human Blood	25 to 3000 pg/mL	K ₂ EDTA	India
591	Flubendazole Hydroxy Flubendazole 2-Amino Flubendazole	LC-MS/MS (API 6500)	Human Plasma	100 to 9999 pg/mL	K ₂ EDTA	Canada
592	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
593	Flucloxacillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.050 to 50 µg/mL	K ₂ EDTA	India
594	Flucloxacillin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 100 µg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
595	Fluconazole	LC-MS/MS (API 2000)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
596	Flucytosine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 20 µg/mL	K ₂ EDTA	India
597	Fludrocortisone*	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 3000 pg/mL	K ₂ EDTA	India
598	Fluoxetine	LC-MS/MS (API 3200)	Human Plasma	2.5 to 50 ng/mL	K ₂ EDTA	India
599	Fluoxetine	LC-MS/MS (API 3200)	Human Plasma	2.5 to 100 ng/mL	K ₂ EDTA	India
600	Fluoxetine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 10 ng/mL	K ₂ EDTA	India
601	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
602	Fluoxetine Norfluoxetine	LC-MS (API 150)	Human Plasma	0.15 to 37.5 ng/mL	Heparin	Canada
603	Fluoxetine Norfluoxetine	LC-MS (API 150)	Human Plasma	0.5 to 64 ng/mL	Sodium heparin	Canada
604	Flupenthixol	LC-MS/MS (API 3000)	Human Plasma	0.1 to 13 ng/mL	K ₂ EDTA	Canada
605	Fluphenazine	LC-MS/MS (API 6500)	Human Plasma	5 to 3500 pg/mL	K ₂ EDTA	India
606	Flurbiprofen	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 40000 ng/mL	K ₂ EDTA	India
607	Fluticasone Propionate	LC-MS/MS (Thermo)	Human Plasma	1 to 32 pg/mL	K ₂ EDTA	Canada
608	Fluticasone Propionate	LC-MS/MS (Thermo)	Human Plasma	5 to 640 pg/mL	K ₂ EDTA	Canada
609	Fluticasone Furoate*	LC-MS/MS (API 6500)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	India
610	Fluticasone Propionate*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
611	Fluticasone Propionate*	LC-MS/MS (API 6500)	Human Plasma	1.5 to 150 pg/mL	K ₂ EDTA	India
612	Fluticasone*	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 200 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
613	Fluvastatin	LC-MS/MS (Thermo)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
614	Fluvastatin	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	Heparin	India
615	Fluvastatin (R & S)*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
616	Fluvastatin (R & S)*	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	Heparin	India
617	Fluvoxamine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 64 ng/mL	Sodium heparin	Canada
618	Formoterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 150 pg/mL	K ₂ EDTA	India
619	Formoterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.4 to 60 pg/mL	K ₂ EDTA	India
620	Fosfomycin	LC-MS/MS (Thermo)	Human Plasma	0.6 to 80 ng/mL	K ₂ EDTA	India
621	Free DM1*	LC-MS/MS (API 6500)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
622	Fulvestrant	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
623	Fulvestrant	LC-MS/MS (Thermo)	Dog Plasma	0.5 to 40 ng/mL	Sodium heparin	Canada
624	Fulvestrant	LC-MS/MS (Thermo)	Human Plasma	0.05 to 40 ng/mL	K ₂ EDTA	Canada
625	Furosemide	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
626	Furosemide	LC-MS/MS (API 3200)	Human Plasma	10 to 8000 ng/mL	K ₂ EDTA	India
627	Furosemide	LC-MS/MS (API 4000)	Human Plasma	0.05 to 40 µg/mL	K ₂ EDTA	India
628	Furosemide	LC-MS/MS (API 3200)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
629	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	50 to 7500 ng/mL	K ₂ EDTA	India
630	Gabapentin	LC-MS/MS (API 2000)	Human Plasma	150 to 10000 ng/mL	K ₂ EDTA	India
631	Gabapentin	LC-MS/MS (API 4000)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India
632	Gabapentin	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
633	Gabapentin	LC-MS/MS (API 3000)	Human Plasma	75 to 9600 ng/mL	K ₂ EDTA	Canada
634	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	25 to 8990 ng/mL	K ₂ EDTA	India
635	Gabapentin	LC-MS/MS (API 3200)	Human Plasma	15 to 5000 ng/mL	K ₂ EDTA	India
636	Galantamine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 63 ng/mL	K ₂ EDTA	Canada
637	Galantamine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 75 ng/mL	K ₂ EDTA	India
638	Gefitinib	LC-MS/MS (Waters QPXE)	Human Plasma	0.75 to 350 ng/mL	K ₂ EDTA	India
639	Gefitinib	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.7 to 350 ng/mL	K ₂ EDTA	India
640	Gemcitabine	LC-MS/MS (API 3200)	Human Plasma	0.1 to 35 µg/mL	K ₂ EDTA/Sodium eparin	India
641	Gestodene*	LC-MS/MS (API 6500)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
642	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 10 µg/mL	K ₂ EDTA	India
643	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
644	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
645	Gliclazide	LC-MS/MS (API 3200)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
646	Gliclazide Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 5000 ng/mL 10 to 3500 ng/mL	K ₂ EDTA	India
647	Glimepiride	LC-MS/MS (API 3200)	Human Plasma	3 to 1200 ng/mL	K ₂ EDTA	India
648	Glimepiride	LC-MS/MS (API 300 or 3000)	Human Plasma	2 to 1024 ng/mL	K ₃ EDTA	Canada
649	Glimepiride	LC-MS/MS (API 2000)	Human Plasma	3 to 600 ng/mL	Heparin	India
650	Glipizide	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1000 ng/mL	K ₂ EDTA	India
651	Glipizide	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
652	Glipizide	LC-MS (API 150)	Human Plasma	10 to 640 ng/mL	K ₂ EDTA	Canada
653	Glipizide	LC-MS/MS (API 300 or 3000)	Human Plasma	10 to 1280 ng/mL	K ₂ EDTA	Canada
654	Glipizide	LC-MS/MS (API 3000)	Human Plasma	2.5 to 640 ng/mL	K ₂ EDTA	Canada
655	Glucagon*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 10 ng/mL	K ₂ EDTA	India
656	Glucosamin	LC-MS/MS (Thermo)	Human Plasma	15 to 2000 ng/mL	K ₂ EDTA	India
657	Glyburide	LC-MS (API 150)	Human Plasma	2 to 128 ng/mL	K ₃ EDTA	Canada
658	Glycopyrrolate	LC-MS/MS (Thermo)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	Canada
659	Glycopyrrolate	LC-MS/MS (Thermo)	Human Plasma	2 to 800 pg/mL	K ₂ EDTA	Canada
660	Glycopyrronium*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	5 to 400 pg/mL	K ₂ EDTA	India
661	Glycopyrronium*	LC-MS/MS (API 6500/6500+)	Human Plasma	2 to 1000 pg/mL	K ₂ EDTA	India
662	Goserelin*	LC-MS/MS (API 6500)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
663	Goserelinv	LC-MS/MS (API 6500)	Human Plasma	50 to 10000 pg/mL	K ₂ EDTA	India
664	Granisetron	LC-MS/MS (Thermo)	Human Plasma	0.02 to 10 ng/mL	K ₂ EDTA	Canada
665	Griseofulvin	LC-MS/MS (API 300 or 3000)	Human Plasma	15 to 3840 ng/mL	K ₃ EDTA	Canada
666	Guaifenesin	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
667	Guaifenesin	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 ng/mL	K ₂ EDTA	Canada
668	Guaifenesin	LC-MS/MS (Thermo)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada
669	Haloperidol	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
670	5-Hydroxytryptophan	LC-MS/MS (API 4000)	Human Plasma	10 to 1000 ng/mL	K ₂ EDTA	India
671	Haloperidol	LC-MS/MS (API 6500)	Human Plasma	20 to 7500 pg/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
672	HRF-4467	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
673	HRF-4467	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
674	Hydralazine	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 125 ng/mL	K ₂ EDTA	India
675	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
676	Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
677	Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
678	Hydrochlorothiazide	LC-MS/MS (API 3200)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
679	Hydrochlorothiazide	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
680	Hydrochlorothiazide Olmesartan	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL 2.5 to 4000 ng/mL	K ₂ EDTA	India
681	Hydrochlorthiazide	LC-MS (API 150)	Human Plasma	5 to 1280 ng/mL	K ₂ EDTA	Canada
682	Hydrochlorthiazide Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
683	Hydrochlorthiazide Telmisartan	LC-MS/MS (Thermo)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
684	Hydrochlorthiazide Telmisartan	LC-MS/MS (API 6500)	Human Plasma	1 to 400 ng/mL 2 to 1000 ng/mL	K ₂ EDTA	India
685	Hydrocodone	LC-MS/MS (Thermo)	Human Plasma	0.4 to 51 ng/mL	K ₂ EDTA	Canada
686	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
687	Hydrocortisone	LC-MS/MS (API 3200)	Human Urine	0.25 to 100 ng/mL	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
688	Hydrocortisone*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
689	Hydromorphone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	Canada
690	Hydromorphone	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
691	Hydroxychloroquine	LC-MS/MS (Shimadzu 8045)	Human Blood	5 to 500 ng/mL	K ₂ EDTA	India
692	Hydroxychloroquine	LC-MS/MS (API 3200)	Human Blood	5 to 500 ng/mL	K ₂ EDTA	India
693	Hydroxychloroquine	LC-MS/MS (API 400)	Human Blood	5 to 1000 ng/mL	K ₂ EDTA	India
694	Ibandronate*	LC-MS/MS (Thermo)	Human Plasma	0.1 to 100 ng/mL	Heparin	India
695	Ibandronate*	LC-MS/MS (API 4000)	Human Plasma	0.75 to 300 ng/mL	Heparin	India
696	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
697	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.1 to 90 µg/mL	K ₂ EDTA	India
698	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.25 to 90 µg/mL	Sodium heparin	India
699	Ibuprofen	LC-MS/MS (API 6500)	Human Plasma	0.1 to 40 µg/mL	Sodium heparin	Canada
700	Ibuprofen	LC-MS/MS (API 6500)	Human Plasma	50 to 25000 ng/mL	Sodium heparin	Canada
701	Ibuprofen	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 50 µg/mL	K ₂ EDTA	Canada
702	Ibuprofen	LC-MS/MS (API 3200)	Human Plasma	0.1 to 40 µg/mL	Sodium heparin	India
703	Ibuprofen (R & S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	Heparin	India
704	Ibuprofen (R & S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 µg/mL	Sodium heparin	India
705	Ibuprofen Famotidine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 140 µg/ml 1 to 250 ng/mL	K ₂ EDTA	India
706	Ibuprofen Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.2 to 51 µg/mL 0.06 to 15 µg/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
707	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 25000 pg/mL	K ₂ EDTA	India
708	Idebenone (Total)	LC-MS/MS (API 3200)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	India
709	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
710	Idebenone (Free)	LC-MS/MS (Shimadzu 8045)	Human Plasma	15 to 15000 pg/mL	K ₂ EDTA	India
711	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
712	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 7500 ng/mL	K ₂ EDTA	India
713	Imatinib	LC-MS/MS (API 4000)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
714	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India
715	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India
716	Imatinib	LC-MS/MS (Thermo)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	Canada
717	Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1500 ng/mL	K ₂ EDTA	India
718	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
719	Imatinib N-Desmethyl Imatinib	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL 2 to 400 ng/mL	Lithium Heparin	India
720	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
721	Indapamide	LC-MS/MS (Waters QPXE)	Human Blood	0.5 to 200 ng/mL	K ₂ EDTA	India
722	Ipratropium	LC-MS/MS (Thermo Altis)	Human Plasma	1 to 150 pg/mL	K ₂ EDTA	Canada
723	Ipratropium*	LC-MS/MS (API 6500/6500+)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	India
724	Irbesartan	LC-MS/MS (API 3200)	Human Plasma	10 to 10000 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
725	Iron Sucrose (Total Iron)	ICP-MS	Human Serum	0.498 to 49.771 µg/mL	NA	India
726	Iron Sucrose (Total Iron)	Vitros 5.1,FS	Human Serum	50.054 to 4537.488 µg/dL	NA	India
727	Iron Sucrose (Transferrin Bound Iron)	Vitros 5.1,FS	Human Serum	49.957 to 824.380 µg/dL	NA	India
728	Iron Sucrose (Transferrin Bound Iron)	ICP-MS	Human Serum	0.490 to 6.005 µg/mL	NA	India
729	Isavuconazole	LC-MS/MS (API 4000)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
730	Isoniazid	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
731	Isoniazid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
732	Isoniazid	LC-MS/MS (API 3200)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
733	Isosorbide	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 2000 ng/mL	K ₂ EDTA	India
734	Isosorbide Mononitrate	LC-MS/MS (API 4000)	Human Plasma	5 to 1800 ng/mL	K ₂ EDTA	India
735	Isotretinoin	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 1500 ng/mL	K ₂ EDTA	India
736	Isotretinoin*	LC-MS/MS (API 4000)	Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
737	Isotretinoin*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 600 ng/mL	K ₂ EDTA	India
738	Isotretinoin*	LC-MS/MS (Waters QPXE)	Sprague Dawley Rat Skin	0.75 to 500 ng/mL	NA	India
739	Isotretinoin*	LC-MS/MS (Waters QPXE)	Rabbit Skin	0.75 to 500 ng/mL	NA	India
740	Itraconazole OH-Itraconazole	LC-MS/MS (Waters QPXE)	Human Serum	1 to 250 ng/mL 1 to 250 ng/mL	Heparin	India
741	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	1 to 250 ng/mL 1 to 250 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
742	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	1 to 500 ng/mL 1 to 500 ng/mL	Sodium heparin	India
743	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 300 or 3000)	Human Plasma	1 to 320 ng/mL	Heparin	Canada
744	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 3000)	Human Plasma	2 to 512 ng/mL	K ₂ EDTA	Canada
745	Itraconazole Hydroxy Itraconazole	LC-MS/MS (API 4000)	Human Plasma	2 to 750 ng/mL 2 to 750 ng/mL	Sodium heparin	India
746	Ivabradine	LC-MS/MS (API 3200)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
747	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
748	Ivacaftor	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	K ₂ EDTA	India
749	Ivermectin	LC-MS/MS (Thermo)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
750	Ivermectin	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	Canada
751	Ivermectin	LC-MS/MS (API 4000)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
752	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
753	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
754	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
755	Lisdexamfetamine S(+) Amphetamine	LC-MS/MS (API 6500)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	Canada
756	3-Ketodesogestrel	LC-MS/MS (Thermo)	Human Plasma	20 to 5000 pg/mL	K ₂ EDTA	India
757	6-Keto prostaglandin F1α*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.125 to 10 ng/mL	NA	India
758	Ketorolac	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
759	S-Ketrolac	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
760	Lacidipine	LC-MS/MS (API 4000)	Human Plasma	0.025 to 20 ng/mL	K ₂ EDTA	India
761	*15-hydroxy lubiprostone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	1 to 100 pg/mL	K ₂ EDTA	India
762	15-hydroxy lubiprostone*	LC-MS/MS (API 6500)	Human Plasma	1 to 300 pg/mL	K ₂ EDTA	India
763	Labetalol	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	Canada
764	Lacosamide	LC-MS/MS (API 3200)	Human Plasma	25 to 10000 ng/mL	K ₂ EDTA	India
765	Lamivudine	LC-MS/MS (API 2000)	Human Plasma	25 to 3000 ng/mL	Heparin	India
766	Lamivudine	LC-MS/MS (Thermo)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
767	Lamivudine Zidovudine	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 3000 ng/mL 20 to 4000 ng/mL	K ₂ EDTA	India
768	Lamotrigine	LC-MS/MS (API 3200)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
769	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
770	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	1 to 150 ng/mL	K ₂ EDTA	India
771	Lamotrigine	LC-MS/MS (Waters QPXE)	Human Plasma	7.5 to 3000 ng/mL	K ₂ EDTA	India
772	Lamotrigine	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 ng/mL	Sodium heparin	Canada
773	Lamotrigine	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 7000 ng/mL	K ₂ EDTA	India
774	Lansoprazole	LC-MS/MS (API 300 or 3000)	Human Plasma	2 to 4096 ng/mL	Sodium heparin	Canada
775	Lansoprazole	LC-MS/MS (API 3200)	Human Plasma	10 to 3000 ng/mL	Sodium heparin	India
776	Lansoprazole	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 ng/mL	Sodium heparin	India
777	Lansoprazole	LC-MS/MS (API 4000)	Human Plasma	3 to 1500 ng / mL	Sodium heparin	India
778	Lapatinib	LC-MS/MS (API 2000)	Human Plasma	15 to 6000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
779	Latanoprost Acid*	LC-MS/MS (Shimadzu 8060)	Human Plasma	100 to 1000 pg/mL	K ₂ EDTA	India
780	Ledipasvir Sofosbuvir	LC-MS/MS (API 4000)	Human Plasma	5 to 800 ng/mL 10 to 2000 ng/mL	K ₂ EDTA	India
781	Lenacapavir	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
782	Lenalidomide	LC-MS/MS (API 3200)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
783	Lenalidomide	LC-MS/MS (API 3200)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
784	Lenvatinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
785	Lercanidipine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
786	Lercanidipine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
787	Lercanidipine (R& S)*	LC-MS/MS (Shimadzu 8040)	Human Plasma	10 to 4000 pg/mL	Sodium heparin	India
788	Lercanidipine (R& S)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.05 to 12 ng/mL	Heparin	India
789	Lercanidipine (R& S)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 16000 pg/mL	Sodium heparin	India
790	Letrozole	LC-MS/MS (API 3200)	Human Plasma	1 to 80 ng/mL	Heparin	India
791	Letrozole	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	K ₂ EDTA	Canada
792	Leuprolide	LC-MS/MS (Thermo)	Human Plasma	0.025 to 13 ng/mL	K ₂ EDTA	Canada
793	Levetiracetam	LC-MS/MS (API 3200)	Human Plasma	0.25 to 40 µg/mL	Sodium heparin	India
794	Levetiracetam	LC-MS/MS (Thermo)	Human Plasma	0.25 to 25 µg/mL	Sodium heparin	India
795	Levetiracetam	LC-MS (API 150)	Human Plasma	0.5 to 24 µg/mL	K ₃ EDTA	Canada
796	Levetiracetam	LC-MS/MS (API 3000)	Human Plasma	0.375 to 48 µg/mL	K ₂ EDTA	Canada
797	Levocetirizine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
798	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	10 to 3500 ng/mL 0.75 to 250 ng/mL	K ₂ EDTA	India
799	Levodopa Carbidopa	LC-MS/MS (API 4000)	Human Plasma	15 to 2000 ng/mL 1.5 to 250 ng/mL	K ₂ EDTA	India
800	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	10 to 1500 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
801	Levodopa Carbidopa	LC-MS/MS (Thermo)	Human Plasma	7 to 3500 ng/mL 0.4 to 200 ng/mL	K ₂ EDTA	India
802	Levodopa Carbidopa	LC-MS/MS (Shimadzu 8045)	Human Plasma	7 to 3500 ng/mL 0.4 to 200 ng/mL	K ₂ EDTA	India
803	Levofloxacin	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 16000 ng/mL	K ₂ EDTA	India
804	Levonorgestrel	LC-MS/MS (API 4000)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
805	Levonorgestrel	LC-MS/MS (API 3200)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
806	Levonorgestrel	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	K ₂ EDTA	India
807	Levonorgestrel	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 15000 pg/mL	K ₂ EDTA	India
808	Levonorgestrel	LC-MS/MS (Waters XEVO TQS)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
809	Levonorgestrel	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 20000 pg/mL	K ₂ EDTA	India
810	Levorphanol	LC-MS/MS (Thermo)	Human Plasma	20 to 10000 pg/mL	K ₂ EDTA	Canada
811	Levosalbutamol (Levabuterol)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 750 pg/mL	K ₂ EDTA	India
812	Levosalbutamol (Levabuterol)*	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 3000 pg/mL	K ₂ EDTA	India
813	Levothyroxin (T4)*	LC-MS/MS (API 3200)	Human Serum	5 to 300 ng/mL	NA	India
814	Levothyroxin (T4)*	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
815	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
816	Levothyroxine	LC-MS/MS (Shimadzu 8045)	Human Serum	5 to 300 ng/mL	NA	India
817	Levothyroxine(T4)	LC-MS/MS (API 6500)	Human Serum	5 to 300 ng/mL	Human Serum	Canada
818	Linagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 10 ng/mL	K ₂ EDTA	India
819	Linagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
820	Linagliptin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
821	Linezolid	LC-MS/MS (API 3200)	Human Plasma	50 to 25000 ng/mL	K ₂ EDTA	India
822	Liothyronine*	LC-MS/MS (Thermo)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
823	Liothyronine*	LC-MS/MS (Waters QPXE)	Charcoal stripped Human Plasma, Human Plasma	0.2 to 20 ng/mL	K ₂ EDTA	India
824	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
825	Lisinopril	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
826	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
827	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	0.25 to 64 ng/mL	Lithium heparin	Canada
828	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	0.25 to 128 ng/mL	Heparin	Canada
829	Lisinopril	LC-MS/MS (API 300 or 3000)	Human Plasma	1 to 256 ng/mL	Lithium heparin	Canada
830	Lisinopril	LC-MS/MS (Waters QPXE)	Human Plasma	0.7 to 250 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
831	Lisinopril	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
832	Lithium Carbonate	Vitros 5.1,FS	Human Serum	0.274 to 3.754 mol/L	NA	India
833	Lithium Carbonate	ICP-MS	Human Plasma	0.040 to 5.059 µg/mL	Sodium heparin	India
834	Lofepamine Desipramine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL 0.2 to 80 ng/mL	Heparin	India
835	Loperamide	LC-MS/MS (Thermo)	Human Plasma	15 to 2500 pg/mL	K ₂ EDTA	India
836	Loperamide	LC-MS/MS (Shimadzu 8060)	Human Plasma	20 to 6010 pg/mL	K ₂ EDTA	India
837	Loperamide	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
838	Lopinavir Ritonavir	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL 0.5 to 300 ng/mL	K ₂ EDTA	India
839	Lopinavir Ritonavir	LC-MS/MS (Waters QPXE)	Human Plasma	30 to 20000 ng/mL 2.5 to 1600 ng/mL	K ₂ EDTA	India
840	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
841	Lopinavir Ritonavir	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 20000 ng/mL 2.5 to 1600 ng/mL	K ₂ EDTA	India
842	Loratadine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
843	Loratadine Desloratadine	LC-MS/MS (API 6500)	Human Plasma	25 to 15000 pg/mL 25 to 10000 pg/mL	K ₂ EDTA	India
844	Loratadine Desloratadine	LC-MS/MS (API 6500)	Human Plasma	5 to 5100 pg/mL 25 to 10500 pg/mL	K ₂ EDTA	India
845	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
846	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
847	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
848	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
849	Lorazepam	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.4 to 60 ng/mL	K ₂ EDTA	India
850	Lorazepam	LC-MS/MS (API 6500)	Human Plasma	0.4 to 60 ng/mL	K ₂ EDTA	India
851	Lormetazepam	LC-MS/MS (Thermo)	Human Plasma	0.06 to 8 ng/mL	K ₂ EDTA	Canada
852	Lornoxicam	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
853	Losartan	LC-MS/MS (API 3200)	Human Plasma	2 to 1500 ng/mL	K ₂ EDTA	India
854	Losartan	LC-MS/MS (API 3200)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
855	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
856	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
857	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
858	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
859	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
860	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
861	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
862	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
863	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
864	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
865	Lumefantrine	LC-MS/MS (API 4000)	Human Plasma	50 to 20250 ng/mL	K ₂ EDTA	India
866	Lurasidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
867	Lurasidone	LC-MS/MS (API 3200)	Human Plasma	0.1 to 100 ng/mL	K ₂ EDTA	India
868	Lurasidone	LC-MS/MS (API 6500)	Human Plasma	0.2 to 200 ng/mL	K ₂ EDTA	India
869	Lurasidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 200 ng/mL	K ₂ EDTA	India
870	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
871	4-Methyl aminoantipyrine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 ng/mL	K ₂ EDTA	India
872	6-Mercaptopurine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
873	7-Hydroxylation, epimer 2 (CGP52421) - Meta of Midostaurin	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
874	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
875	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
876	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
877	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

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878	Macitentan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
879	Macitentan	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
880	Mebendazole	LC-MS/MS (API 4000)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
881	Mebendazole	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
882	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
883	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
884	Meclizine	LC-MS/MS (API 3000)	Human Plasma	1.01 to 256 ng/mL	K ₂ EDTA	Canada
885	Medroxy Progesterone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
886	Medroxy Progesterone Acetate *	LC-MS/MS (Thermo)	Human Plasma	50 to 8000 pg/mL	Sodium heparin	India
887	Medroxyprogesterone Acetate	LC-MS/MS (API 3000)	Human Plasma	0.02 to 10 ng/mL	Sodium heparin	Canada
888	Medroxyprogesterone Acetate	LC-MS/MS (Thermo)	Human Plasma	50 to 10000 pg/mL	Sodium heparin	Canada
889	Mefanamic Acid	LC-MS/MS (API 3000)	Human Plasma	50 to 12800 ng/mL	K ₂ EDTA	Canada
890	Mefenamic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 10000 ng/mL	K ₂ EDTA	India
891	Mefenamic Acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 14000 ng/mL	K ₂ EDTA	India
892	Megestrol Acetate	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
893	Megestrol Acetate	LC-MS/MS (Thermo)	Human Plasma	0.3 to 153.6 ng/mL	K ₂ EDTA	Canada
894	Megestrol Acetate	LC-MS/MS (Thermo)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	Canada
895	Melatonin	LC-MS/MS (API 4000)	Human Plasma	25 to 10000 pg/mL	K ₂ EDTA	India
896	Melatonin	LC-MS/MS (API 6500)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
897	Melatonin	LC-MS/MS (Shimadzu 8060)	Human Plasma	15 to 6000 pg/mL	K ₂ EDTA	India
898	Meloxicam	LC-MS/MS (API 4000)	Human Plasma	20 to 3000 ng/mL	K ₂ EDTA	India
899	Meloxicam	LC-MS/MS (API 3000)	Human Urine	1 to 128 ng/mL	NA	Canada
900	Meloxicam	LC-MS/MS (API 3000)	Human Plasma	10 to 2560 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
901	Meloxicam	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 3000 ng/mL	K ₂ EDTA	India
902	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	India
903	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL	K ₂ EDTA	India
904	Memantine	LC-MS/MS (API 3200)	Human Plasma	0.5 to 50 ng/mL	K ₂ EDTA	India
905	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
906	Memantine	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	India
907	Memantine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 70 ng/mL	K ₂ EDTA	India
908	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 700 ng/mL	K ₂ EDTA	India
909	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
910	Mesalamine	LC-MS/MS (API 4000)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
911	Mesalamine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
912	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	Canada
913	Mesalamine	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 3000 ng/mL	K ₂ EDTA	India
914	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
915	Mesalamine	LC-MS/MS (API 6500)	Human Plasma	0.1 to 30 ng/mL	K ₂ EDTA	India
916	Mesalamine N-Acetyl Mesalamine	LC-MS/MS (Thermo)	Human Plasma	5 to 3000 ng/mL 10 to 5000 ng/mL	K ₂ EDTA	India
917	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
918	Metaxalone	LC-MS (API 150)	Human Plasma	5 to 2560 ng/mL	K ₃ EDTA	Canada
919	Metaxalone	LC-MS/MS (API 6500)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	Canada
920	Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1600 ng/mL	Sodium heparin	India
921	Metformin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	Sodium heparin	India
922	Metformin	LC-MS/MS (API 3200)	Human Plasma	5 to 1600 ng/mL	Sodium heparin	India
923	Metformin	LC-MS/MS (Thermo)	Human Plasma	5 to 3500 ng/mL	Sodium heparin	India
924	Metformin	LC-MS/MS (API 3200)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
925	Metformin	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	Sodium heparin	India
926	Metformin	LC-MS/MS (API 3000)	Human Plasma	10.01 to 2002 ng/mL	K ₂ EDTA	Canada
927	Metformin	LC-MS (API 150)	Human Urine	2 to 256 µg/mL	NA	Canada
928	Methazolamide	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
929	Methazolamide	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 10000 ng/mL	K ₂ EDTA	Canada
930	Methazolamide	LC-MS/MS (Waters QPXE)	Human Whole Blood	100 to 50000 ng/mL	K ₂ EDTA	Canada
931	Methazolamide	LC-MS/MS (Thermo)	Human Plasma	5 to 9800 ng/mL	K ₂ EDTA	Canada
932	Methenamine	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 70 µg/mL	K ₂ EDTA	India
933	Methimazole	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
934	Methimazole	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 200 ng/mL	K ₂ EDTA	India
935	Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
936	Methocarbamol	LC-MS/MS (API 4000)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
937	Methocarbamol	LC-MS/MS (Thermo)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	Canada
938	Methocarbamol	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 µg/mL	K ₂ EDTA	India
939	Methotrexate	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
940	Methotrexate	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
941	Methotrexate (Encapsulated)*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 500 ng/mL	K ₃ EDTA	India
942	Methotrexate (free)*	LC-MS/MS (API 4000)	Human Plasma	0.05 to 75 ng/mL	K ₃ EDTA	India
943	Methyldopa	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
944	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
945	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	Sodium Fluoride & Potassium Oxalate	Canada
946	Methylphenidate	LC-MS/MS (Thermo)	Human Plasma	0.026 to 15 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
947	Methylphenidate	LC-MS/MS (API 6500)	Human Plasma	0.1 to 50 ng/mL	Sodium Fluoride & Potassium Oxalate	Canada
948	Methylphenidate Achiral	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	Canada
949	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
950	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
951	Methylprednisolone	LC-MS/MS (API 4000)	Human Plasma	0.4 to 50 ng/mL	Sodium fluoride and Potassium oxalate	India
952	Methylprednisolone	LC-MS/MS (API 3000)	Human Plasma	0.4 to 51 ng/mL	Sodium fluoride potassium oxalate	Canada
953	Methylprednisolone	LC-MS/MS (API 6500)	Human Plasma	0.4 to 75 ng/mL	Sodium fluoride & potassium oxalate	Canada
954	Methylprednisolone	LC-MS/MS (API 4000)	Human Plasma	0.4 to 75 ng/mL	Sodium fluoride and Potassium oxalate	India
955	Metoclopramide	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
956	Metoprolol	LC-MS/MS (API 4000)	Human Plasma	0.3 to 50 ng/mL	Heparin	India
957	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.7 to 150 ng/mL	Sodium heparin	India
958	Metoprolol	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
959	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
960	Metoprolol	LC-MS/MS (API 3200)	Human Plasma	0.75 to 300 ng/mL	Sodium heparin	India
961	Metoprolol	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL	Sodium heparin	India
962	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
963	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
964	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
965	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
966	Milnacipran	LC-MS/MS (Thermo)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
967	Miltefosine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
968	Minocycline	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 3000 ng/mL	Heparin	India
969	Minocycline	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 3500 ng/mL	K ₂ EDTA	India
970	Minocycline	LC-MS/MS (API 6500)	Human Plasma	10 to 3000 ng/mL	K ₂ EDTA	Canada
971	Minocycline	LC-MS/MS (Thermo)	Human Plasma	4 to 3500 ng/mL	K ₂ EDTA	Canada
972	Minoxidil	LC-MS/MS (API 4000)	Human Plasma	50 to 4000 pg/mL	NA	India
973	Mirabegron	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
974	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
975	Mirabegron	LC-MS/MS (API 3200)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
976	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
977	Mirabegron	LC-MS/MS (API 4000)	Human Plasma	0.3 to 125 ng/mL	K ₂ EDTA	India
978	Mirabegron	LC-MS/MS (Thermo)	Human Plasma	0.05 to 35 ng/mL	K ₂ EDTA	India
979	Mirtazapine	LC-MS/MS (API 300 or 3000)	Human Plasma	0.5 to 128 ng/mL	Sodium heparin	Canada
980	Misoprostol Acid*	LC-MS/MS (API 6500)	Human Plasma	5 to 750 pg/mL	K ₂ EDTA	India
981	Misoprostol Acid Diclofenac	LC-MS/MS (Thermo)	Human Plasma	10 to 1280 pg/mL 20 to 2560 ng/mL	Lithium heparin	Canada
982	Misoprostol Acid*	LC-MS/MS (API 4000)	Human Plasma	10 to 1700 pg/mL	K ₂ EDTA	India
983	Misoprostol Acid*	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
984	Moexipril	LC-MS/MS (API 4000)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
985	Mometasone furoate	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 pg/mL	K ₂ EDTA	Canada
986	Mometasone furoate	LC-MS/MS (API 6500)	Human Plasma	0.25 to 50.032 pg/mL	K ₂ EDTA	Canada
987	Monomethyl Fumarate	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
988	Monomethyl fumarate	LC-MS/MS (API 6500)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	Canada
989	Monomethyl Fumarate	LC-MS/MS (API 6500)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
990	Monomethyl Fumarate	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
991	Monomethyl Fumarate	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	India
992	Monomethyl fumarate Monoethyl fumarate	LC-MS/MS (Thermo)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	Canada
993	Montelukast	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	Heparin	India
994	Montelukast	LC-MS/MS (API 3200)	Human Plasma	5 to 500 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
995	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
996	Moxifloxacin	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 6000 ng/mL	Heparin	India
997	Moxifloxacin	LC-MS/MS (API 4000)	Human Plasma	15 to 6000 ng/mL	Sodium heparin	India
998	Moxonidine	LC-MS/MS (Thermo)	Human Plasma	30 to 7500 pg/mL	K ₂ EDTA	India
999	Mycophenolate Mofetil	LC-MS/MS (Thermo)	Human Plasma	15 to 10000 pg/mL	Sodium heparin	India
1000	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
1001	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
1002	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
1003	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
1004	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
1005	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1006	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
1007	Mycophenolic acid	LC-MS/MS (Waters QPXE)	Human Plasma	60 to 60000 ng/mL	K ₂ EDTA	India
1008	Mycophenolic acid	LC-MS/MS (API 3200)	Human Plasma	50 to 16000 ng/mL	K ₂ EDTA	India
1009	Nabilone*	LC-MS/MS (Thermo)	Human Plasma	40 to 5000 pg/mL	K ₂ EDTA	India
1010	Nabilone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 8500 pg / mL	K ₂ EDTA	India
1011	19-Norethindrone	LC-MS/MS (API 4000)	Human Plasma	0.25 to 50 ng/mL	K ₂ EDTA	India
1012	19-Norethindrone	LC-MS/MS (Thermo)	Human Plasma	0.075 to 15 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1013	19-Norethindrone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	India
1014	19-Norethindrone	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
1015	19-Norethindrone	LC-MS/MS (API 4000)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	India
1016	D-Nebivolol* L-Nebivolol*	LC-MS/MS (Shimadzu 8045)	Human Plasma	15 to 2000 pg/mL 20 to 3000 pg/mL	Sodium heparin	India
1017	Nadolol	LC-MS/MS (API 4000)	Human Plasma	0.25 to 45 ng/mL	K ₂ EDTA	India
1018	Nadolol	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1019	Nadolol Bendroflumethiazide	LC-MS/MS (API 3000)	Human Plasma	2 to 256 ng/mL 1 to 128 ng/mL	K ₂ EDTA	Canada
1020	Naftidrofuryl Oxalate	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1021	Naloxegol	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.1 to 125 ng/mL	K ₂ EDTA	India
1022	Nalmefene	LC-MS/MS (API 6500)	Human Plasma	10 to 4000pg/mL	Lithium heparin	Canada
1023	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
1024	Naloxone	LC-MS/MS (API 6500)	Human Plasma	1 to 500 pg/mL	K ₂ EDTA	Canada
1025	Naloxone	LC-MS/MS (Thermo)	Human Plasma	0.02 to 20 ng/mL	K ₂ EDTA	Canada
1026	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
1027	Naltrexone	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 35500 pg/mL	Heparin	India
1028	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1029	Naltrexone 6 beta Naltrexol	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL 5 to 500 ng/mL	Heparin	India
1030	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
1031	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
1032	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
1033	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
1034	Naltrexone 6-β-Naltrexol	LC-MS/MS (API 3000)	Human Urine	1 to 512 ng/mL 9.947 to 5092 ng/mL	NA	Canada
1035	Nalmefne Nornlamefne	LC-MS/MS (API 6500)	Human Plasma	10pg/mL to 20000pg/mL 15pg/mL to 3000pg/mL	Lithium heparin	Canada
1036	Naproxen	LC-MS/MS (API 2000)	Human Plasma	500 to 50000 ng/mL	K ₂ EDTA	India
1037	Naproxen	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL	K ₂ EDTA	India
1038	Naproxen Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL 1 to 1500 ng/mL	K ₂ EDTA	India
1039	Naproxen Esomeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 120 µg/mL 1 to 350 ng/mL	K ₂ EDTA	India
1040	Naratriptan	LC-MS/MS (API 3200)	Human Plasma	0.1 to 20 ng/mL	Heparin	India
1041	Nateglinide	LC-MS/MS (API 3200)	Human Plasma	0.1 to 10 µg/mL	K ₂ EDTA	India
1042	Nebivolol	LC-MS/MS (API 4000)	Human Plasma	0.077 to 20 ng/mL	Sodium heparin	India
1043	Nebivolol	LC-MS/MS (API 6500)	Human Plasma	15 to 5000 pg/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1044	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
1045	Nefopam	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	India
1046	Neratinib	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
1047	Niacin Nicotinuric acid	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	Canada
1048	Niacin*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
1049	Niacin*	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 250 ng/mL	K ₂ EDTA	India
1050	Niacin* Nicotinuric acid*	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL 3 to 1500 ng/mL	K ₂ EDTA	India
1051	Nicorandil	LC-MS/MS (API 3200)	Human Plasma	0.5 to 500 ng/mL	K ₂ EDTA	India
1052	Nicotine	LC-MS/MS (API 6500)	Human Plasma	0.4 to 50 ng/mL	K ₂ EDTA	Canada
1053	Nicotine	LC-MS/MS (API 6500)	Human Plasma (Normal Plasma)	0.204 to 50.049 ng/mL	K ₂ EDTA	Canada
1054	Nifedipine	LC-MS/MS (API 2000)	Human Plasma	2.5 to 250 ng/mL	K ₂ EDTA	India
1055	Nifedipine	LC-MS (API 150)	Human Plasma	0.5 to 200 ng/mL	K ₃ EDTA	Canada
1056	Nifedipine	LC-MS/MS (API 3000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	Canada
1057	Nilotinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 2000 ng/mL	K ₂ EDTA	India
1058	Nilotinib	LC-MS/MS (API 6500)	Human Plasma	4 to 2000 ng/mL	K ₂ EDTA	Canada
1059	Nilotinib	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India
1060	Nilotinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1061	Nilotinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	3 to 3000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1062	Nimodipine	LC-MS/MS (Thermo)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1063	Nimodipine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1064	Nintedanib	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
1065	Nintedanib	LC-MS/MS (API 3200)	Human Plasma	0.2 to 75 ng/mL	K ₂ EDTA	India
1066	Nintedanib	LC-MS/MS (Thermo)	Human Plasma	0.050- 20 ng/mL	K ₂ EDTA	Canada
1067	Nintedanib	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1068	Nirmatrelvir	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 6000 ng/mL	K ₂ EDTA	India
1069	Nitisinone	LC-MS/MS (Thermo)	Human Plasma	10 to 2500 ng/mL	K ₂ EDTA	Canada
1070	Nitrazepam*	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1071	Nitrazepam*	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	K ₂ EDTA	India
1072	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	Canada
1073	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	2.5 to 500 ng/mL	K ₂ EDTA	India
1074	Nitrofurantoin	LC-MS/MS (Thermo)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1075	Nitrofurantoin	LC-MS/MS (API 6500)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1076	Nitrofurantoin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1000 ng/mL	K ₂ EDTA	India
1077	Nitrofurantoin	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1078	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
1079	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1080	Nomegestrol Acetate	LC-MS/MS (Shimadzu 8040)	Human Plasma	0.1 to 20 ng/mL	K ₃ EDTA	India
1081	Norelgestromin	LC-MS/MS (API 6500)	Human Plasma	20 to 5000 pg/mL	K ₂ EDTA	Canada
1082	Norethindrone	LC-MS/MS (Thermo)	Human Plasma	50 to 15000 pg/mL	K ₂ EDTA	Canada
1083	Nortriptyline	LC-MS/MS (Thermo)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1084	Nortriptyline	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1085	Nortriptyline	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 12 ng/mL	K ₂ EDTA	India
1086	RS-Norketotifen	LC-MS/MS (Thermo)	Human Plasma	0.2 to 70 ng/mL	K ₂ EDTA	Canada
1087	S-Norketotifen R- Norketotifen	LC-MS/MS (Thermo)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	Canada
1088	Octreotide*	LC-MS/MS (API 6500/6500+)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
1089	10,11-dihydro-10-Hydroxycarbamazepine	LC-MS/MS (API 3000)	Human Plasma	0.05 to 51.2 µg/mL	K ₂ EDTA	Canada
1090	Octreotide*	LC-MS/MS (Shimadzu 8045)	Human Plasma	30 to 6000 pg/mL	K ₂ EDTA	India
1091	O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 350 ng/mL	K ₂ EDTA	India
1092	O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1093	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
1094	Olanzapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 ng/mL	Sodium heparin	India
1095	Olanzapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 45 ng/mL	Sodium heparin	India
1096	Olanzapine	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1097	Olaparib	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	K ₂ EDTA	India
1098	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	2.5 to 1500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1099	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	0.25 to 500 ng/mL	K ₂ EDTA	India
1100	Olmesartan	LC-MS/MS (API 3200)	Human Plasma	5 to 4500 ng/mL	K ₂ EDTA	India
1101	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
1102	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1103	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
1104	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 2200 ng/ml	K ₂ EDTA	India
1105	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 2200 ng/mL	K ₂ EDTA	India
1106	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
1107	Omeprazole	LC-MS/MS (API 3000)	Human Plasma	1 to 1024 ng/mL	Sodium heparin	Canada
1108	Omeprazole	LC-MS/MS (Thermo)	Human Plasma	5 to 3450 ng/mL	K ₂ EDTA	Canada
1109	Omeprazole	LC-MS/MS (Thermo)	Human Plasma	5 to 3400 ng/mL	K ₂ EDTA	Canada
1110	Omeprazole	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1111	Omeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1112	Ondansetron	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1113	Ondansetron	LC-MS/MS (API 3000)	Human Plasma	0.5 to 128 ng/mL	Lithium heparin	Canada
1114	Ondansetron	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 50 ng/mL	Heparin	India
1115	Orlistat M1 Metabolite	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1116	Orlistate (Fat analysis) *	FT-IR	Human Fecal/Human Food	0.25 to 10 g %	NA	India
1117	Oseltamivir	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1118	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
1119	Ospemifene	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 2400 ng/mL	NA	India
1120	Oxazepam*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1121	Oxcarbazepine	LC-MS/MS (API 3000)	Human Plasma	0.01 to 10 µg/mL	K ₂ EDTA	Canada
1122	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
1123	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
1124	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
1125	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
1126	Oxybutynin (S & R)*	LC-MS/MS (API 4000)	Human Plasma	25 to 7500 pg/mL	K ₂ EDTA	India
1127	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
1128	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
1129	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
1130	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1131	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
1132	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
1133	Oxycodone	LC-MS/MS (Thermo)	Human Plasma	0.1 to 60 ng/mL	K ₂ EDTA	Canada
1134	Oxycodone	LC-MS/MS (Thermo)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	Canada
1135	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
1136	Oxycodone Oxymorphone	LC-MS/MS (API 3000)	Human Plasma	0.1 to 101 ng/mL 0.1 to 100 ng/mL	Heparin	Canada
1137	Oxycodone Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	0.234 to 60 ng/mL	K ₂ EDTA	Canada
1138	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	40 to 1280 pg/mL 25 to 800 pg/mL	K ₂ EDTA	Canada
1139	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	40 to 3200 pg/mL 25 to 2000 pg/mL	K ₂ EDTA	Canada
1140	Oxymorphone Hydroxy Oxymorphone	LC-MS/MS (Thermo)	Human Plasma	0.025 to 8.000 ng/mL	K ₂ EDTA	Canada
1141	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
1142	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
1143	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
1144	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4500 ng/mL	Heparin	India
1145	Palonosetron Netupitant	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	20 to 3500 pg/mL 5 to 2000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1146	2-Pyridyl acetic acid	LC-MS/MS (Thermo)	5% Selegiline Human Plasma	10 to 1500 ng/mL	K ₂ EDTA	India
1147	2-Pyridylacetic acid	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 800 ng/mL	K ₂ EDTA	India
1148	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Whole Blood	50 to 30000 ng/mL	Heparin	India
1149	Paclitaxel (Total)	LC-MS/MS (API 6500)	Cynomolgus Monkey Plasma	25 to 25000ng/mL	K ₂ EDTA	India
1150	Paclitaxel (Total)	LC-MS/MS (API 6500)	Cynomolgus Monkey Blood	25 to 25000 ng/mL	K ₂ EDTA	India
1151	Paclitaxel (Total)	LC-MS/MS (Shimadzu8045)	Human Plasma	5 to 20000 ng/mL	Sodium heparin	India
1152	Paclitaxel (Total)	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 9000 ng/mL	K ₂ EDTA	India
1153	Paclitaxel (Total)	LC-MS/MS (API 3200)	Human Plasma	50 to 250000pg/mL	Sodium heparin	Canada
1154	Paclitaxel (Free)	LC-MS/MS (API 6500)	Cynomolgus Monkey Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
1155	Paclitaxel (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	Heparin	India
1156	Paclitaxel (Free)*	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1157	Paclitaxel (Free)*	LC-MS/MS (API 4000)	Human Plasma	2.5 to 1500 ng/mL	Sodium heparin	India
1158	Paclitaxel (Total)	LC-MS/MS (API 6500)	Pleural Fluid	100.00 to 10000.000 ng/mL	Sodium heparin	Canada
1159	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1160	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
1161	Palbociclib	LC-MS/MS (API 4000)	Human Plasma	0.75 to 150 ng/mL	K ₂ EDTA	India
1162	Palbociclib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.75 to 150 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1163	Paliperidone	LC-MS/MS (API 3200)	Human Plasma	0.5 to 40 ng/mL	K ₂ EDTA	India
1164	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 60 ng/mL	K ₂ EDTA	India
1165	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 150 ng/mL	K ₂ EDTA	India
1166	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1167	Paliperidone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1168	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 5000 ng/mL	Heparin	India
1169	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	25 to 10000 ng/mL	Heparin	India
1170	Pantoprazole	LC-MS/MS (API 3000)	Human Plasma	20 to 5120 ng/mL	K ₂ EDTA	Canada
1171	Pantoprazole	LC-MS/MS (API 3200)	Human Plasma	7.5 to 7500 ng/mL	Sodium heparin	India
1172	Paracetamol	LC-MS/MS (API 3200)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
1173	Paracetamol	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 10000 ng/mL	K ₂ EDTA	India
1174	Paracetamol	LC-MS/MS (Shimadzu 8045)	Human Plasma	50 to 24000 ng/mL	K ₂ EDTA	India
1175	Paricalcitol*	LC-MS/MS (Waters XEVOTQ-S)	Wistar Rat Plasma	50 to 30500 pg/mL	Sodium heparin	India
1176	Paroxetine	LC-MS/MS (API 6500)	Human Plasma	0.03 to 35 ng/mL	K ₂ EDTA	India
1177	Paroxetine	LC-MS/MS (API 4000)	Human Plasma	0.25 to 125 ng/mL	K ₂ EDTA	India
1178	Pazopanib	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1179	Penciclovir	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
1180	Penicillin G	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1181	Penicillin G	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	1 to 2500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1182	Penicillin G	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 2500 ng/mL	K ₂ EDTA	India
1183	Perampanel	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 700 ng/mL	K ₂ EDTA	India
1184	Pergolide	LC-MS/MS (API 3000)	Human Plasma	0.2 to 1.28 ng/mL	Heparin	Canada
1185	Perindopril	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1186	Perphenazine	LC-MS/MS (Waters QPXE)	Human Plasma	15 to 2500 pg/mL	K ₂ EDTA	India
1187	Phenobarbital	LC-MS/MS (Thermo)	Human Plasma	20 to 2000 ng/mL	K ₂ EDTA	Canada
1188	Phenyl butyrate	LC-MS/MS (API 3200)	Human Plasma	0.1 to 50 µg/mL	K ₂ EDTA	India
1189	Phenylephrine	LC-MS/MS (API 6500)	Human Plasma	40 to 3000 ng/mL	K ₂ EDTA	Canada
1190	Phenylephrine (Total)	LC-MS/MS (Thermo)	Human Plasma	4 to 512 ng/mL	K ₂ EDTA	Canada
1191	Phenytoin	LC-MS/MS (API 3200)	Human Plasma	10 to 10000 ng/mL	K ₂ EDTA	India
1192	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
1193	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
1194	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
1195	Phytonadione- Trans Phytonadione- Cis	LC-MS/MS (API 6500)	Human Plasma	0.3 to 100 ng/mL	K ₂ EDTA	Canada
1196	Phytonadione- Trans Phytonadione- Cis	LC-MS/MS (API 6500)	Human Plasma	1 to 500 ng/ml	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1197	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
1198	Pinaverium	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1199	Pioglitazone	LC-MS/MS (API 2000)	Human Plasma	10 to 2500 ng/mL	Heparin	India
1200	Pioglitazone	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 2500 ng/mL	Heparin	India
1201	Pioglitazone Hydroxy Pioglitazone	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2800 ng/mL 2 to 1500 ng/mL	Sodium heparin	India
1202	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
1203	Pirfenidone	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
1204	Pirfenidone	LC-MS/MS (Thermo)	Human Plasma	50 to 30000 ng/mL	K ₂ EDTA	India
1205	Pirfenidone	LC-MS/MS (Shimadzu 8060)	Human Plasma	50 to 30000 ng/mL	K ₂ EDTA	India
1206	Pirfenidone	LC-MS/MS (Shimadzu 8060)	Human Plasma	10 to 7500 ng/mL	K ₂ EDTA	India
1207	Piribedil	LC-MS/MS (API 4000)	Human Plasma	5 to 10000 pg/mL	K ₂ EDTA	India
1208	Piroxicam	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 4000 ng/mL	K ₂ EDTA	India
1209	Pomalidomide	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
1210	Pomalidomide	LC-MS/MS (API 6500)	Human Plasma	0.2 to 125 ng/mL	Sodium fluoride and Potassium oxalate	Canada
1211	Pomalidomide	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
1212	Ponatinib	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1213	Posaconazole	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 800 ng/mL	K ₂ EDTA	India
1214	Posaconazole	LC-MS/MS (Shimadzu 8045)	Human Plasma	4 to 800 ng/mL	K ₂ EDTA	India
1215	Potassium Chloride	Vitros5.1,FS	Human Urine	2.041 to 150.358 mEq/L	NA	India
1216	Potassium Citrate (Analyte - Potassium)	Vitros5.1,FS	Human Urine	2 to 150 mmol/L	NA	India
1217	Pramipexole	LC-MS/MS (Waters XEVOTQ-S)	Human Plasma	10 to 1000 pg/mL	K ₂ EDTA	India
1218	Pramipexole	LC-MS/MS (Thermo)	Human Plasma	50 to 3200 pg/mL	K ₂ EDTA	Canada
1219	Prasugrel active metabolite (R-138727) *	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1220	Prasugrel active metabolite (R-138727) *	LC-MS/MS (API 4000)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1221	Prasugrel active metabolite (R-138727) *	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	India
1222	Prasugrel active metabolite (R-138727)*	LC-MS/MS (Thermo)	Human Plasma	0.2 to 150 ng/mL	K ₂ EDTA	Canada
1223	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1224	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (API 4000)	Human Plasma	0.25 to 150 ng/mL	K ₂ EDTA	India
1225	Prasugrel inactive metabolite (R-95913)*	LC-MS/MS (Thermo)	Human Plasma	0.25 to 127 ng/mL	K ₂ EDTA	Canada
1226	Pravastatin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1227	Pravastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
1228	Pravastatin	LC-MS/MS (API 4000)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA/K ₃ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1229	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
1230	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
1231	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (API 3000)	Human Plasma	0.25 to 128 ng/mL	Sodium heparin	Canada
1232	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
1233	Pravastatin 3- α -Hydroxy Pravastatin	LC-MS/MS (Thermo)	Human Plasma	1 to 512 ng/mL	Sodium heparin	Canada
1234	Praziquantel	LC-MS/MS (Shimadzu 8045)	Human Plasma	3 to 1500 ng/mL	K ₂ EDTA	India
1235	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
1236	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	1.5 to 1300 ng/mL	K ₂ EDTA	India
1237	Prednisolone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
1238	Prednisolone	LC-MS/MS (API 3200)	Human Plasma	1.5 to 400 ng/mL	K ₂ EDTA	India
1239	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL	K ₂ EDTA	India
1240	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 2500 ng/mL	K ₂ EDTA	India
1241	Pregabalin	LC-MS/MS (Shimadzu 8040)	Human Plasma	20 to 5000 ng/mL	K ₂ EDTA	India
1242	Pregabalin	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 7000 ng/mL	K ₂ EDTA	India
1243	Primidone Phenobarbital Phenylethylmalonamide	LC-MS/MS (API 3000)	Human Plasma	0.2 to 25 μ g/mL	K ₂ EDTA	Canada
1244	Prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 300 pg/mL	Sodium heparin	India
1245	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	2 to 700 pg/mL	Sodium heparin	India
1246	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 1200 pg/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1247	prochlorperazine	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 2000 pg/mL	Sodium heparin	India
1248	Prochlorperazine	LC-MS/MS (API 4000)	Human Plasma	5 to 300 pg/mL	Heparin	India
1249	Progesterone	LC-MS/MS (API 6500)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	Canada
1250	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	0.04 to 40 ng/mL	K ₂ EDTA	India
1251	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 150 ng/mL	K ₂ EDTA	India
1252	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1253	Progesterone*	LC-MS/MS (Thermo)	Human Plasma	50 to 60000 pg/mL	K ₂ EDTA	India
1254	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.15 to 40 ng/mL	K ₂ EDTA	India
1255	Progesterone*	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 80 ng/mL	K ₂ EDTA	India
1256	Progesterone*	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 20000 pg/mL	K ₂ EDTA	India
1257	Proguanil	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1258	Promazine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1259	Promethazine	LC-MS/MS (API 4000)	Human Plasma	0.05 to 15 ng/mL	K ₂ EDTA	India
1260	Propafenone	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1261	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
1262	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
1263	Propylthiouracil	LC-MS/MS (Waters QPXE)	Human Plasma	7.5 to 4000 ng/mL	K ₂ EDTA	India
1264	Pseudoephedrine	LC-MS/MS (API 3200)	Human Plasma	2 to 400 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1265	Pseudoephedrine	LC-MS/MS (API 6500)	Human Plasma	1 to 400 ng/mL	Sodium heparin	Canada
1266	Pseudoephedrine	LC-MS/MS (Shimadzu 8060)	Human Plasma	1 to 400 ng/mL	Sodium heparin	India
1267	Pseudoephedrine	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India
1268	Pyrazinamide	LC-MS/MS (Waters QPXE)	Human Plasma	75 to 30000 ng/mL	K ₂ EDTA	India
1269	Pyridostigmine	LC-MS/MS (Waters QPXE)	Human Plasma containing 1M Sodium Fluoride (10%)	0.4 to 100 ng/mL	K ₂ EDTA	India
1270	Sapropterin	LC-MS/MS (API 6500)	Human Plasma	2 to 300 ng/mL	Sodium heparin	India
1271	S-Propranolol (Total)	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1272	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 350 ng/mL	Heparin	India
1273	Quetiapine	LC-MS/MS (API 2000)	Human Plasma	2 to 400 ng/mL	K ₂ EDTA	India
1274	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	Sodium heparin	India
1275	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1276	Quetiapine	LC-MS/MS (API 3200)	Human Plasma	20 to 2500 ng/mL	Sodium heparin	India
1277	Quetiapine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.5 to 350 ng/mL	Sodium heparin	India
1278	Quetiapine	LC-MS/MS (API 4000)	Human Plasma	1 to 1000 ng/mL	Sodium heparin	India
1279	Quetiapine	LC-MS/MS (Thermo)	Human Plasma	1 to 1024 ng/mL	K ₂ EDTA	India
1280	Quetiapine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1281	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1282	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
1283	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
1284	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
1285	Quinapril	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	K ₂ EDTA	India
1286	Quinine	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 5000 ng/mL	K ₂ EDTA	India
1287	Rabeprazole	LC-MS/MS (API 3200)	Human Plasma	5 to 1000 ng/mL	K ₃ EDTA/Heparin	India
1288	Rabeprazole	LC-MS/MS (API 4000)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1289	Rabeprazole	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1290	Rabeprazole	LC-MS/MS (API 3000)	Human Plasma	2 to 1024 ng/mL	K ₂ EDTA	Canada
1291	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
1292	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
1293	Ramipril	LC-MS/MS (API 3200)	Human Plasma	0.2 to 100 ng/mL	Sodium heparin	India
1294	Ramipril Ramiprilat	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.5 to 50 ng/mL	Sodium heparin	India
1295	Ramipril Ramiprilat	LC-MS/MS (API 3000)	Human Plasma	0.05 to 6 ng/mL	K ₃ EDTA	Canada
1296	Ramipril Ramiprilat	LC-MS/MS (Thermo)	Human Plasma	0.05 to 6 ng/mL	K ₂ EDTA	Canada
1297	Ramipril Ramiprilat	LC-MS/MS (API 3000)	Human Plasma	0.05 to 51 ng/mL	K ₃ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1298	Ramipril Ramiprilat	LC-MS/MS (Thermo)	Human Plasma	0.05 to 51 ng/mL	K ₂ EDTA	Canada
1299	Ramipril*	LC-MS/MS (API 3200)	Human Plasma	0.2 to 150 ng/mL	Heparin	India
1300	Ramipril*	LC-MS/MS (API 3200)	Human Plasma	0.05 to 40 ng/mL	Heparin	India
1301	Ranitidine	LC-MS/MS (API 2000)	Human Plasma	10 to 2000 ng/mL	Heparin	India
1302	Ranitidine	LC-MS/MS (Thermo)	Human Plasma	15 to 1920 ng/mL	K ₂ EDTA	Canada
1303	Ranitidine	LC-MS/MS (API 2000)	Human Plasma	5 to 600 ng/mL	K ₂ EDTA/Heparin	India
1304	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2500 ng/mL	K ₂ EDTA	India
1305	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
1306	Ranolazine	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1307	Ranolazine	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1308	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1309	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	5 to 2000 ng/mL	K ₂ EDTA	India
1310	Ranolazine	LC-MS/MS (API 3200)	Human Plasma	20 to 8000 ng/mL	K ₂ EDTA	India
1311	Ranolazine	LC-MS/MS (API 4000)	Human Plasma	5 to 3500 ng/mL	K ₂ EDTA	India
1312	Ranolazine	LC-MS/MS (API 4000)	Human Plasma	20 to 8000 ng / mL	K ₂ EDTA	India
1313	Rasagiline	LC-MS/MS (Waters QPXE)	Human Plasma	40 to 14000 pg/mL	K ₂ EDTA	India
1314	Rasagiline	LC-MS/MS (Waters QPXE)	Human Plasma	40 to 6000 pg/mL	K ₂ EDTA	India
1315	Rebamipide	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2.5 to 500 ng/mL	K ₂ EDTA	India
1316	Regorafenib	LC-MS/MS (API 3200)	Human Plasma	10 to 5500 ng/mL	K ₂ EDTA	India
1317	Relugolix	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1318	Relugolix	LC-MS/MS (API 4000)	Human Plasma	0.5 to 400 ng/mL	K ₂ EDTA	India
1319	Repaglinide	LC-MS/MS (API 3200)	Human Plasma	0.25 to 30 ng/mL	K ₂ EDTA	India
1320	Ribociclib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1321	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
1322	Rifampicin	LC-MS/MS (Shimadzu 8045)	Human Plasma	40 to 5000 ng/mL	K ₂ EDTA	India
1323	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
1324	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
1325	Rifampicin Desacetyl Rifampicin	LC-MS/MS (API 4000)	Human Plasma	200 to 15000ng/mL 10 to 2000ng/mL	K ₂ EDTA	India
1326	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	25 to 15000 pg/mL	K ₂ EDTA	India
1327	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 100 ng/mL	K ₂ EDTA	India
1328	Rifaximin	LC-MS/MS (API 6500)	Human Plasma	5 to 1500 pg/mL	K ₂ EDTA	India
1329	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
1330	Rifaximin	LC-MS/MS (Thermo)	Human Plasma	100 to 36000 pg/mL	K ₂ EDTA	India
1331	Rifaximin	LC-MS/MS (API 4000)	Human Plasma	25 to 6000 pg/mL	K ₂ EDTA	India
1332	Rifaximin	LC-MS/MS (API 4000)	Human Plasma	10 to 2000 pg/mL	K ₂ EDTA	India
1333	Rilpivirine	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1334	Rilpivirine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1335	Rilpivirine	LC-MS/MS (Thermo)	Human Plasma	2 to 1500ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1336	Riociguat	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 300 ng/mL	K ₂ EDTA	India
1337	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1338	Risedronate	LC-MS/MS (Thermo)	Human Plasma	0.2 to 128 ng/mL	K ₂ EDTA	Canada
1339	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.1 to 80 ng/mL	Heparin	India
1340	Risedronate*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	30 to 80000 pg/mL	Sodium heparin	India
1341	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.5 to 160 ng/mL	Heparin	India
1342	Risedronate*	LC-MS/MS (Thermo)	Human Plasma	0.5 to 250 ng/mL	Heparin	India
1343	Risedronate*	LC-MS/MS (API 4000)	Human Plasma	0.5 to 200 ng/mL	Heparin	India
1344	Risedronate*	LC-MS/MS (Shimadzu 8060)	Human Plasma	0.05 to 150 ng/mL	Sodium heparin	India
1345	Risedronate	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.4 to 300 ng/mL	Sodium heparin	India
1346	Risperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 20 ng/mL	Heparin	India
1347	Risperidone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 40 ng/mL	Sodium heparin	India
1348	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
1349	Rivaroxaban	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.2 to 125 ng/mL	K ₂ EDTA	India
1350	Rivaroxaban	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1351	Rivaroxaban	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1352	Rivaroxaban	LC-MS/MS (API 3200)	Human Plasma	1 to 600 ng/mL	K ₂ EDTA	India
1353	Rivastigmine	LC-MS/MS (API 4000)	Human Plasma	0.1 to 15 ng/mL	K ₂ EDTA	India
1354	Rivastigmine	LC-MS/MS (API 4000)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1355	Rivastigmine	LC-MS/MS (Thermo)	Human Plasma	0.3 to 63 ng/mL	K ₂ EDTA	Canada
1356	Rivastigmine	LC-MS/MS (API 6500)	Human Plasma	0.3 to 63 ng/mL	K ₂ EDTA	Canada
1357	Rizatriptan	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 60 ng/mL	K ₂ EDTA	India
1358	Ropinirole	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
1359	Ropinirole	LC-MS/MS (API 4000)	Human Plasma	10 to 3000 pg/mL	K ₂ EDTA	India
1360	Rosiglitazone	LC-MS/MS (API 3000)	Human Plasma	2 to 1024 ng/mL	Sodium heparin	Canada
1361	Rosiglitazone	LC-MS/MS (API 2000)	Human Plasma	15 to 900 ng/mL	K ₂ EDTA	India
1362	Rosiglitazone	LC-MS/MS (API 2000)	Human Plasma	5 to 500 ng/mL	K ₂ EDTA	India
1363	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	India
1364	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.15 to 60 ng/mL	K ₂ EDTA	India
1365	Rosuvastatin	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1366	Rosuvastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.15 to 30 ng/mL	K ₂ EDTA	India
1367	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1368	Rosuvastatin	LC-MS/MS (Thermo)	Human Plasma	0.5 to 100 ng/mL	K ₂ EDTA	Canada
1369	Rosuvastatin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 150 ng/mL	K ₂ EDTA	India
1370	Roxithromycin	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 25 µg/mL	K ₂ EDTA	India
1371	Rupatadine	LC-MS/MS (API 3200)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India
1372	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
1373	Rupatadine	LC-MS/MS (API 4000)	Human Plasma	0.05 to 10 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1374	Ruxolitinib	LC-MS/MS (API 4000)	Human Plasma	2.5 to 750 ng/mL	K ₂ EDTA	India
1375	Saxagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 75 ng / mL	K ₂ EDTA	India
1376	Sacubitril	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1377	Sacubitril	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2000 ng/mL	K ₂ EDTA	India
1378	Salmeterol*	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	2 to 200 pg/mL	K ₂ EDTA	India
1379	Scopolamine	LC-MS/MS (API 6500)	Human Plasma	1 to 400 pg/mL	K ₂ EDTA	Canada
1380	Secnidazole	LC-MS/MS (API 3200)	Human Plasma	0.2 to 40 µg/mL	K ₂ EDTA	India
1381	Semaglutide*	LC-MS/MS (API 6500)	Human Plasma	2 to 100 ng/mL	K ₂ EDTA	India
1382	Sertraline	LC-MS/MS (API 3200)	Human Plasma	1 to 100 ng/mL	Sodium heparin	India
1383	Sertraline	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 40 ng/mL	Heparin	India
1384	Sertraline	LC-MS/MS (API 4000)	Human Plasma	0.5 to 100 ng/mL	Sodium heparin	India
1385	Sertraline N-Desmethylsertraline	LC-MS/MS (API 3000)	Human Plasma	0.25 to 250 ng/mL	Sodium heparin	Canada
1386	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
1387	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
1388	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	3 to 2000 ng/mL 1 to 450 ng/mL	K ₂ EDTA	India
1389	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
1390	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	4 to 2000 ng/mL 2 to 700 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1391	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
1392	Sildenafil Desmethyl Sildenafil	LC-MS/MS (API 3200)	Human Plasma	3 to 2000 ng/mL 1 to 200 ng/mL	K ₂ EDTA	India
1393	Simvastatin	LC-MS/MS (Thermo)	Human Plasma	30 to 15000 pg/mL	Sodium heparin	India
1394	Simvastatin	LC-MS/MS (API 6500)	Human Plasma	0.2 to 125 ng/mL	Sodium heparin	India
1395	Simvastatin Simvastatin acid	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL 0.1 to 50 ng/mL	Heparin	India
1396	Simvastatin Simvastatin acid	LC-MS/MS (API 6500/6500+)	Human Plasma	0.2 to 75 ng/mL 0.1 to 30 ng/mL	Sodium heparin	India
1397	Simvastatin Simvastatin acid	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL 0.2 to 50 ng/mL	Heparin	India
1398	Simvastatin Simvastatin Hydroxy Acid	LC-MS/MS (API 300 or 3000)	Human Plasma	0.1 to 25 ng/mL	Sodium heparin	Canada
1399	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
1400	Sirolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.15 to 25 ng/mL	K ₂ EDTA	India
1401	Sirolimus	LC-MS/MS (Waters XEVO TQ-S)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1402	Sirolimus	LC-MS/MS (API 4000)	Human Blood	0.15 to 25 ng/mL	K ₂ EDTA	India
1403	Sirolimus	LC-MS/MS (API 6500)	Human Whole Blood	0.157 to 24.875 ng/mL	K ₂ EDTA	Canada
1404	Sirolimus	LC-MS/MS (API 3000)	Human Whole Blood	0.4 to 51 ng/mL	K ₂ EDTA	Canada
1405	Sitagliptin	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL	Sodium heparin	India
1406	Sitagliptin	LC-MS/MS (API 3200)	Human Plasma	2 to 1200 ng/mL	Sodium heparin	India
1407	Sitagliptin	LC-MS/MS (API 4000)	Human Plasma	2 to 1200 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1408	Sitagliptin	LC-MS/MS (API 3200)	Human Plasma	1 to 500 ng/mL	Sodium heparin	India
1409	Sitagliptin	LC-MS/MS (Thermo)	Human Plasma	1 to 512 ng/mL	K ₂ EDTA	Canada
1410	Sitagliptin Metformin	LC-MS/MS (API 4000)	Human Plasma	1 to 750 ng/mL 10 to 3500 ng/mL	Sodium heparin	India
1411	SN-38 (7-Ethyl-10-Hydroxycamptothecin)	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 1000 ng/mL	K ₂ EDTA	India
1412	SN-38 (7-Ethyl-10-Hydroxycamptothecin)	LC-MS/MS (API 6500)	Human Plasma	10 to 5000 pg/mL	K ₂ EDTA	India
1413	Sofosbuvir	LC-MS/MS (API 4000)	Human Plasma	5 to 5000 ng/mL	K ₂ EDTA	India
1414	Solifenacin	LC-MS/MS (Thermo)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
1415	Solifenacin	LC-MS/MS (API 4000)	Human Plasma	0.2 to 50 ng/mL	K ₂ EDTA	India
1416	Sorafenib	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 6000 ng/mL	K ₂ EDTA	India
1417	Spironolactone	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.7 to 300 ng/mL	K ₂ EDTA	India
1418	Spironolactone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1419	Spironolactone	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.75 to 300 ng/mL	K ₂ EDTA	India
1420	Spironolactone	LC-MS/MS (API 4000)	Human Plasma	0.1 to 75 ng/mL	K ₂ EDTA	India
1421	Spironolactone Canrenone	LC-MS/MS (API 3200)	Human Plasma	0.5 to 300 ng/mL 1 to 200 ng/mL	K ₂ EDTA	India
1422	Stiripentol	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 15 µg/mL	K ₂ EDTA	India
1423	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
1424	Sufentanil Triazolam	LC-MS/MS (Thermo)	Human Plasma	2 to 256 pg/mL 0.05 to 6.4 ng/mL	K ₂ EDTA	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1425	Sulfamethoxazole Trimethoprim	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 90000 ng/mL 10 to 5000 ng/mL	K ₂ EDTA	India
1426	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL 50 to 15000 ng/mL	K ₂ EDTA	India
1427	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 15000 ng/mL 20 to 2500 ng/mL	K ₂ EDTA	India
1428	Sulfasalazine Sulfapyridine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 15000 ng/mL 20 to 6000 ng/mL	K ₂ EDTA	India
1429	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
1430	Sulpiride	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1200 ng/mL	K ₂ EDTA	India
1431	Sumatriptan	LC-MS/MS (API 2000)	Human Plasma	1 to 100 ng/mL	Heparin	India
1432	Sumatriptan	LC-MS/MS (Thermo)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	Canada
1433	Sumatriptan	LC-MS/MS (API 300 or 3000)	Human Plasma or Pig Plasma	0.5 to 128 ng/mL	K ₃ EDTA	Canada
1434	Sunitinib	LC-MS/MS (API 4000)	Human Plasma	0.1 to 12 ng/mL	Sodium heparin	India
1435	Sunitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 50 ng/mL	Sodium heparin	India
1436	Tacrolimus	LC-MS/MS (Thermo)	Human Whole Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1437	Endoxifen	LC-MS/MS (Shimadzu 8060)	Wistar Rat plasma and New Zealand White Rabbit plasma	10 to 1000 pg/mL	K ₂ EDTA	India
1438	Endoxifen	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 250 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1439	Endoxifen	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.25 to 100 ng/mL	K ₂ EDTA	India
1440	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1441	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1442	Tacrolimus	LC-MS/MS (Thermo)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1443	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 70 ng/mL	K ₂ EDTA	India
1444	Tacrolimus	LC-MS/MS (Waters QPXE)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1445	Tacrolimus	LC-MS/MS (Shimadzu 8045)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1446	Tacrolimus	LC-MS/MS (API 6500)	Human Blood	40 to 12000 pg/mL	K ₂ EDTA	India
1447	Tacrolimus	LC-MS/MS (API 4000)	Human Blood	0.25 to 100 ng/mL	K ₂ EDTA	India
1448	Tacrolimus	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 1500 pg/mL	K ₂ EDTA	India
1449	Tacrolimus	LC-MS/MS (Thermo)	Human Whole Blood	0.2 to 25 ng/mL	K ₂ EDTA	Canada
1450	Tacrolimus*	LC-MS/MS (Shimadzu 8060)	Human Blood	5 to 500 pg/mL	K ₂ EDTA	India
1451	Tacrolimus	LC-MS/MS (API 4000)	Human Blood	0.25 to 70 ng/mL	K ₂ EDTA	India
1452	Tacrolimus	LC-MS/MS (API 3200)	Human Blood	0.25 to 70 ng / mL	K ₂ EDTA	India
1453	Tadalafil	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
1454	Tadalafil	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1455	Tadalafil	LC-MS/MS (Shimadzu 8045)	Human Plasma	4 to 1000 ng/mL	K ₂ EDTA	India
1456	Tadalafil	LC-MS/MS (Shimadzu 8045)	Human Plasma	1 to 200 ng/mL	K ₂ EDTA	India
1457	Tamoxifen	LC-MS/MS (API 3000)	Human Plasma	0.25 to 64 ng/mL	K ₂ EDTA	Canada
1458	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

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1459	Tamoxifen N-Desmethyltamoxifen	LC-MS (API 150)	Human Plasma	0.25 to 64 ng/mL	Heparin	Canada
1460	Tamsulosin	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1461	Tamsulosin	LC-MS/MS (Thermo)	Human Plasma	0.05 to 25 ng/mL	K ₂ EDTA	Canada
1462	Tapentadol	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 225 ng/mL	K ₂ EDTA	India
1463	Tapentadol	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	0.4 to 225 ng/mL	K ₂ EDTA	India
1464	Tapentadol	LC-MS/MS (API 4000)	Human Plasma	0.1 to 50 ng/mL	K ₂ EDTA	India
1465	Tapentadol	LC-MS/MS (API 4000)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1466	Teicoplanin component (A 3)*	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 250 µg/mL	K ₂ EDTA	India
1467	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
1468	Telmisartan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1200 ng/mL	K ₂ EDTA	India
1469	Temazepam	LC-MS/MS (API 3000)	Human Plasma	4 to 1024 ng/mL	K ₂ EDTA	Canada
1470	Temozolomide	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
1471	Temozolomide Metabolite (MTIC)*	LC-MS/MS (Waters QPXE)	Human Plasma	3 to 600 ng/mL	Heparin	India
1472	Temozolomide*	LC-MS/MS (Waters QPXE)	Human Plasma	100 to 20000 ng/mL	Heparin	India
1473	Temsirolimus Sirolimus	LC-MS/MS (API 4000)	Human Blood	5 to 1000 ng/mL 0.5 to 100 ng/mL	K ₂ EDTA	India
1474	Teneligliptin	LC-MS/MS (Shimadzu 8045)	Human Plasma	10 to 800 ng/mL	K ₂ EDTA	India
1475	Teneligliptin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	India
1476	Tenofovir	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
1477	Tenofovir	LC-MS/MS (Waters QPXE)	Human Serum	3 to 800 ng/mL	NA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1478	Tenofovir	LC-MS/MS (API 4000)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	India
1479	Tenofovir	LC-MS/MS (Thermo)	Human Plasma	0.5 to 25 ng/mL	K ₂ EDTA	India
1480	Tenofovir	LC-MS/MS (API 6500/6500+)	Human Plasma	0.25 to 25 ng/mL	K ₂ EDTA	India
1481	Tenofovir Alafenamide	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	India
1482	Terbinafine	LC-MS/MS (API 2000)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1483	Teriflunomide	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 4000 ng/mL	K ₂ EDTA	India
1484	Testosterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1485	Testosterone	LC-MS/MS (Thermo)	Human Serum	0.1 to 25 ng/mL	NA	Canada
1486	Testosterone	LC-MS/MS (API-6500)	Human Plasma	0.1 to 25 ng/mL	K ₂ EDTA	Canada
1487	Testosterone	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 25 ng/mL	K ₂ EDTA	India
1488	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
1489	Tetrabenazine DihydroxyTetrabenazine	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL 0.2 to 250 ng/mL	K ₂ EDTA	India
1490	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
1491	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
1492	Tetracycline	LC-MS/MS (Thermo)	Human Plasma	200 to 20000 ng/mL	K ₂ EDTA	Canada
1493	Tetracycline	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 6000 ng/mL	Sodium heparin	India
1494	Tetranor-PGEM*	LC-MS/MS (API 4000)	Human Urine	1 to 50 ng/mL	NA	India
1495	Thalidomide (R & S)	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1496	Theophylline	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1497	Thiorphan	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 160 ng/mL	K ₂ EDTA	India
1498	Thromboxane B2*	LC-MS/MS (Shimadzu 8040)	Human Urine	0.2 to 20 ng/mL	NA	India
1499	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
1500	Ticagrelor Deshydroxyethoxy Ticagrelor	LC-MS/MS (Thermo)	Human Plasma	2.5 to 1500 ng/mL 1 to 300 ng/mL	K ₂ EDTA	Canada
1501	Tinidazole	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 25 µg/mL	K ₂ EDTA	India
1502	Tofacitinib	LC-MS/MS (API 4000)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	India
1503	Tofacitinib	LC-MS/MS (API 3200)	Human Plasma	0.5 to 350 ng/mL	K ₂ EDTA	India
1504	Tofacitinib	LC-MS/MS (Thermo)	Human Plasma	0.2 to 100 ng/mL	K ₂ EDTA	Canada
1505	Tofacitinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1506	Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
1507	Tolterodine	LC-MS/MS (Waters XEVO TQ-S)	Human Plasma	20 to 10000 pg/mL	Sodium heparin	India
1508	Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 30000 pg/mL	Sodium heparin	India
1509	Tolterodine 5-hydroxymethyl Tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	20 to 5000 pg/mL 10 to 5000 pg/mL	Heparin	India
1510	Tolterodine 5-Hydroxymethyl tolterodine	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 13000 pg/mL 20 to 10000 pg/mL	Heparin	India
1511	Tolterodine 5-hydroxymethyl Tolterodine	LC-MS/MS (API 4000)	Human Plasma	20 to 7500 pg/mL 10 to 7520 pg/mL	Heparin	India
1512	Tolvaptan	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1513	Topiramate	LC-MS/MS (API 3200)	Human Plasma	50 to 4000 ng/mL	Heparin	India
1514	Topiramate	LC-MS/MS (API 3200)	Human Plasma	10 to 600 ng/mL	Heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1515	Topiramate	LC-MS/MS (API 3000)	Human Plasma or Dog Plasma	5 to 2560 ng/mL	Sodium heparin	Canada
1516	Topiramate	LC-MS/MS (API 3000)	Human Plasma	50 to 12800 ng/mL	Sodium heparin	Canada
1517	Topiramate	LC-MS/MS (Thermo)	Human Plasma	2 to 1000 ng/mL	K ₂ EDTA	Canada
1518	Topiramate	LC-MS/MS (API 3200)	Human Plasma	50 to 7000 ng/mL	Sodium heparin	India
1519	Topiramate	LC-MS/MS (Waters QPXE)	Human Plasma	50 to 7000 ng/mL	Sodium heparin	India
1520	Torsemide	LC-MS/MS (API 3200)	Human Plasma	10 to 6000 ng/mL	K ₂ EDTA	India
1521	Torsemide	LC-MS/MS (Waters QPXE)	Human Plasma	25 to 15000 ng/mL	K ₂ EDTA	India
1522	Torsemide	LC-MS/MS (API 300 or 3000)	Human Plasma	10 to 10240 ng/mL	K ₃ EDTA	Canada
1523	Tramadol	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	Heparin	India
1524	Tramadol	LC-MS/MS (Thermo)	Human Plasma	2 to 500 ng/mL	K ₂ EDTA	Canada
1525	Tramadol	LC-MS/MS (Thermo)	Human Plasma	2 to 800 ng/mL	K ₂ EDTA	Canada
1526	Tramadol	LC-MS/MS (API 3200)	Human Plasma	5 to 1500 ng/mL	Sodium heparin	India
1527	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
1528	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
1529	Tramadol O-Desmethyltramadol	LC-MS/MS (API 3000)	Dog Plasma	2 to 1024 ng/mL 1 to 512 ng/mL	K ₂ EDTA	Canada
1530	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
1531	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
1532	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
1533	Trandolapril Trandolaprilat	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 30 ng/mL 0.2 to 31 ng/mL	Heparin	India
1534	Tranexamic Acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 12 µg/mL	K ₂ EDTA	India
1535	Tranexamic Acid	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
1536	Tranexamic Acid	LC-MS/MS (API 3200)	Human Plasma	0.05 to 20 µg/mL	K ₂ EDTA	India
1537	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
1538	Trazodone	LC-MS/MS (API 3200)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1539	Trazodone	LC-MS/MS (Shimadzu 8045)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1540	Triamcinolone acetonide	LC-MS/MS (Thermo)	Human Plasma	0.025 to 6.4 ng/mL	K ₂ EDTA	Canada
1541	Triamcinolone Acetonide	LC-MS/MS (API 6500)	Human Plasma	5 to 2500 pg/mL	K ₂ EDTA	India
1542	Triamcinolone Acetonide	LC-MS/MS (Thermo)	Human Plasma	30 to 4000 pg/mL	K ₂ EDTA	India
1543	Trifluoperazine	LC-MS/MS (API 2000)	Human Plasma	0.05 to 10 ng/mL	CPD	India
1544	Trifluoperazine	LC-MS/MS (Thermo)	Human Plasma	20 to 6000 pg/mL	K ₂ EDTA	India
1545	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
1546	Trimebutine N-Desmethyltrimbutine	LC-MS/MS (Thermo)	Human Plasma	1 to 256 ng/mL 10 to 2560 ng/mL	K ₂ EDTA	Canada
1547	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 150 ng/mL	Heparin	India
1548	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	0.4 to 250 ng/mL	Heparin	India
1549	Trimetazidine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	Sodium heparin	India
1550	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
1551	Trospium	LC-MS/MS (API 4000)	Human Plasma	25 to 8000 pg/mL	K ₂ EDTA	India
1552	Trospium	LC-MS/MS (API 4000)	Human Plasma	10 to 2500 pg/mL	K ₂ EDTA	India
1553	Ursodiol (Free)*	LC-MS/MS (Shimadzu 8045)	Human Plasma	25 to 8010 ng/mL	K ₃ EDTA	India
1554	Upadacitinib	LC-MS/MS (Shimadzu 8045)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
1555	Upadacitinib	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 750 ng/mL	K ₂ EDTA	India
1556	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
1557	Vismodegib	LC-MS/MS (Waters QPXE)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	India
1558	Valacyclovir Acyclovir	LC-MS/MS (API 2000)	Human Plasma	3 to 300 ng/mL 40 to 4000 ng/mL	Heparin	India
1559	Valacyclovir Acyclovir	LC-MS/MS (API 2000)	Human Plasma	3 to 600 ng/mL 40 to 8000 ng/mL	Heparin	India
1560	Valacyclovir	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 600 ng/mL	K ₂ EDTA	India
1561	Valganciclovir Ganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 600 ng/mL 25 to 10000 ng/mL	K ₂ EDTA	India
1562	Valganciclovir Ganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 320 ng/mL 25 to 5000 ng/mL	K ₂ EDTA	India
1563	Valganciclovir Ganciclovir	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 750 ng/mL 40 to 12000 ng/mL	K ₂ EDTA	India
1564	Valganciclovir	LC-MS/MS (API 3200)	Human Plasma	2 to 320 ng/mL	K ₂ EDTA	India
1565	Valproic acid	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 25 µg/mL	Sodium heparin	India
1566	Valproic acid	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 80 µg/mL	Sodium heparin	India
1567	Valsartan	LC-MS/MS (API 3200)	Human Plasma	20 to 2000 ng/mL	Heparin	India
1568	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 8000 ng/mL	Heparin	India
1569	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 8000 ng/mL	K ₂ EDTA	India
1570	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 20000 ng/mL	Sodium heparin	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1571	Valsartan	LC-MS/MS (API 3200)	Human Plasma	50 to 20000 ng/mL	K ₂ EDTA	India
1572	Valsartan	LC-MS/MS (Shimadzu 8060)	Human Plasma	5 to 3000 ng/mL	K ₂ EDTA	India
1573	Valsartan Hydrochlorothiazide	LC-MS/MS (Thermo)	Human Plasma	50 to 20000 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1574	Valsartan Hydrochlorothiazide	LC-MS/MS (Thermo)	Human Plasma	12 to 5000 ng/mL 1 to 150 ng/mL	K ₂ EDTA	India
1575	Valsartan Hydrochlorothiazide	LC-MS/MS (API 4000)	Human Plasma	50 to 20000 ng/mL 1 to 300 ng/mL	K ₂ EDTA	India
1576	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 400 ng/mL	K ₂ EDTA	India
1577	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
1578	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	2.5 to 1500 ng/mL	K ₂ EDTA	India
1579	Venetoclax	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 2800 ng/mL	K ₂ EDTA	India
1580	Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 300 ng/mL	Sodium heparin	India
1581	Venlafaxine O-Desmethyl Venlafaxine	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	India
1582	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (Thermo)	Human Plasma	0.5 to 200 ng/mL 1 to 250 ng/mL	Heparin	India
1583	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
1584	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
1585	Verapamil Norverapamil	LC-MS/MS (Waters QPXE)	Human Plasma	4 to 300 ng/mL 2 to 177 ng/mL	Heparin	India
1586	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
1587	Vardenafil	LC-MS/MS (Waters QPXE)	Human Plasma	0.2 to 80 ng/mL	Sodium heparin	India
1588	Velpatasvir	LC-MS/MS (Waters QPXE)	Human Plasma	5 to 1500 ng/mL	K ₂ EDTA	India

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1589	Vibegron	LC-MS/MS (API 3200)	Human Plasma	0.5 to 125 ng/mL	K ₂ EDTA	India
1590	Vibegron	LC-MS/MS (API 3200)	Human Plasma	0.5 to 300 ng/mL	K ₂ EDTA	India
1591	Vigabatrin	LC-MS/MS (Waters QPXE)	Human Plasma	0.25 to 40 µg/mL	K ₂ EDTA	India
1592	Vilanterol*	LC-MS/MS (Shimadzu 8060)	Human Plasma	4 to 400 pg/mL	K ₂ EDTA	India
1593	Vilazodone	LC-MS/MS (Waters QPXE)	Human Plasma	0.1 to 40 ng/mL	K ₂ EDTA	India
1594	Vilazodone	LC-MS/MS (Waters QPXE)	Human Plasma	0.5 to 200 ng/mL	K ₂ EDTA	India
1595	Vildagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	1 to 500 ng/mL	Sodium heparin	India
1596	Vildagliptin	LC-MS/MS (Waters QPXE)	Human Plasma	2 to 1000 ng/mL	Sodium heparin	India
1597	Vitamin D3*	LC-MS/MS (Thermo)	Human Plasma & Artificial Matrix	0.25 to 20 ng/mL	K ₂ EDTA	India
1598	Voriconazole	LC-MS/MS (API 3200)	Human Plasma	1 to 700 ng/mL	K ₂ EDTA	India
1599	Valsartan	LC-MS/MS (API 3000)	Human Plasma	20 to 10240 ng/mL	K ₂ EDTA	Canada
1600	Valsartan	LC-MS/MS (Waters)	Human Plasma	10 to 5000 ng/mL	K ₂ EDTA	Canada
1601	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (API 3000)	Human Plasma	2 to 192 ng/mL 4 to 384 ng/mL	Sodium heparin	Canada
1602	Venlafaxine O-Desmethylvenlafaxine	LC-MS/MS (API 4000)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	India
1603	Venlafaxine Orthodesmethyl Venlafaxine	LC-MS/MS (Thermo)	Human Plasma	1 to 600 ng/mL 2 to 800 ng/mL	Sodium heparin	Canada
1604	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	Sodium heparin	Canada

S.N.	Drug Name	Instrument	Matrix	Range	Anticoagulant	Location
1605	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
1606	Verapamil Norverapamil	LC-MS/MS (Thermo)	Human Plasma	2 to 300 ng/mL 2 to 175 ng/mL	Sodium heparin	Canada
1607	Vigabatrin	LC-MS (API 150)	Human Plasma	0.2 to 25 µg/mL	K ₂ EDTA	Canada
1608	Voriconazole	LC-MS/MS (API 3200)	Human Plasma	5 to 4000 ng/mL	K ₂ EDTA	India
1609	Vortioxetine	LC-MS/MS (Shimadzu 8045)	Human Plasma	0.1 to 20 ng/mL	K ₂ EDTA	India
1610	R-Warfarin S-Warfarin	LC-MS/MS (API 3000)	Human Plasma	1 to 512 ng/mL	K ₃ EDTA	Canada
1611	Warfarin	LC-MS/MS (Thermo)	Human Plasma	9.997 ng/mL to 1993.567 ng/mL	K ₂ EDTA	Canada
1612	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
1613	Ziprasidone	LC-MS/MS (API 3000)	Human Plasma	0.125 to 64 ng/mL	K ₂ EDTA	Canada
1614	Ziprasidone	LC-MS/MS (API 3000)	Human Plasma	0.5 to 256 ng/mL	K ₂ EDTA	Canada
1615	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
1616	Zolpidem	LC-MS/MS (API 6500)	Human Plasma	0.5 to 250 ng/mL	K ₂ EDTA	Canada
1617	Zolpidem	LC-MS/MS (API 3200)	Human Plasma	1 to 300 ng/mL	K ₂ EDTA	India
1618	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

*: 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		India
69	SARS COV-2 USING CHIP BASED REAL TIME POLYMERASE CHAIN REACTION -True Nat	RT-PCR	Swab	Negative	India
70	Sputum Eosinophil & Neutrophil	-	-	-	India
71	Testosterone	Vitros 5600	Serum	0.170–75.0 nmol/L	India
72	TFPI [Tissue Factor Pathway Inhibitor] (ELISA)	ELISA	Serum	-	India
73	TNF-alpha High Sensitivity (ELISA)	ELISA	Serum	1.748 to 4.708 pg/mL	India
74	Transferrin saturation	Vitros 5600	Serum	15.2 to 49.3 %	India
75	TRAP (Tartrate Resistant Alkaline phosphatase)	ELISA	Serum	0.6 to 9.9 U/L	India
76	Thyroglobulin (Tg)	Cobas e411	Serum	0.04 to 500 ng/mL	India
77	Urine Alpha-GST (ELISA)	ELISA	Urine	0 to 12.2 ng/min	India
78	Urine Glucose	Vitros 5600	Urine	20 to 650 mg/dL	India
79	Vitamin D Total	Vitros 5600	Serum	8 to 150 ng/mL	India
80	Vitamin B12	Vitros 5600	Serum	159 to 1000 pg/mL	India
81	Parathyroid Hormone (PTH)	Vitros 5600	Serum	3.4 to 5000 pg/mL	India
82	Prolactin	Vitros 5600	Serum	1.4 to 329 ng/mL	India
83	D-Dimer	Stago Compact Max	Citrate Plasma	0.27 to 4.0 µg/mL	India
84	N-terminal pro Brain Natriuretic Peptide (NT-proBNP)	Vitros 5600	Serum	<300 pg/ml	India
85	hs Troponin I	Vitros 5600	Serum	< 11 pg/ml	India
86	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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