

S. No.	Drug Name	Matrix	Anti-Coagulant	Method	Equipment	LLOQ, ng/mL	ULOQ, ng/mL
1	Abacavir	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	9000
2	Acetaminophen	Human Plasma	Na Heparin	LC/MS/MS	API 3000	300	20000
3	Acetazolamide	Human Plasma	EDTA	LC/MS/MS	API 2000	20.0	20000
4	Acetazolamide (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	10.0	5000
5*	Acitretin + <i>13 - Cis Acitretin</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	9.50	850
		Human Plasma	EDTA	LC/MS/MS	API 4000	9.50	950
6	Alfuzosin	Human Plasma	EDTA	LC/MS/MS	API 4000	0.40	80.0
7*	Alprazolam	Human Plasma	Na Heparin	LC/MS/MS	Premier XE	0.20	40.0
8	Amoxicillin	Human Plasma	EDTA	LC/MS/MS	API 3000	160	30000
9*	Anastrozole	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	60.0
10*	Aripiperazole	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	200
11	Aspirin + Salicylic Acid	Human Plasma	Na Heparin	LC/MS/MS	API 2000	2000	80000
12	Atomoxetine	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	2000
13	Atenolol	Human Plasma	EDTA	LC/MS/MS	API 3000	8.00	2200
14	Atorvastatin	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.50	300
15*	Atorvastin + <i>2 - Hydroxy Atorvastatin + 4 - Hydroxy Atorvastatin</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	0.25	50.0
		Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	100
16*	Atorvastin + <i>2 - Hydroxy Atorvastatin + 4 - Hydroxy Atorvastatin(Sensitive)</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	0.10	100
		Human Plasma	EDTA	LC/MS/MS	API 4000	0.10	100
		Human Plasma	EDTA	LC/MS/MS	API 4000	0.05	50.0
17	Bisoprolol	Human Plasma	EDTA, EDTA	LC/MS/MS	API 2000	0.50	100
18	Caffeine	Human Plasma	Na Heparin	LC/MS/MS	API 2000	75.0	15000
19*	Candesartan	Human Plasma	EDTA	LC/MS/MS	Premier XE	1.00	500
20	Cefaclor	Human Plasma	CPDA, EDTA	HPLC	HPLC-UV	500	50000
21	Cefadroxil	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	300	60000
22	Cefixime	Human Plasma	EDTA	HPLC	HPLC-UV	100	20000
23	Cefixime (<i>Rapid</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	100	20000
24	Cefpodoxime acid	Human Plasma	EDTA	HPLC	HPLC-UV	200	10000
25	Cefpodoxime acid (<i>Rapid</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	100	10000
26	Cefuroxime acid	Human Plasma	EDTA	HPLC	HPLC-UV	150	3000
27	Cephalexin	Human Plasma	EDTA	HPLC	HPLC-UV	200	120000
28	Cinnargine	Human Plasma	EDTA	LC/MS/MS	Premier XE	5.00	750
29	Clarithromycin	Human Plasma	EDTA	LC/MS/MS	API 3000	50.0	10000
30	Clarithromycin + <i>14(R)-hydroxy-clarithromycin</i>	Human Plasma	EDTA	LC/MS/MS	API3000	40.0	8000
		Human Plasma	EDTA	LC/MS/MS	API3000	15.0	3000
31	Clopidogrel	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	0.20	25.0
32	Desloratadine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	10.0
33*	Desloratidine + <i>3-Hydroxy Desloratidine</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	0.05	10.0
		Human Plasma	EDTA	LC/MS/MS	API 4000	0.05	10.0
34	Diclofenac	Human Plasma	EDTA	LC/MS/MS	API 3000	25.0	4000
35	Dipyridamole	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	4500
36	Donezepil	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.50	200
37	Doxycycline	Human Plasma	Na Heparin	LC/MS/MS	Premier XE	10.0	5000
38	Duloxetine	Human Plasma	EDTA	LC/MS/MS	API 2000	0.40	150
39	Efavirenz	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	8400
40*	Eletriptan	Human Plasma	Na Heparin	LC/MS/MS	Premier XE	0.50	200
41	Emtricitabin	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	3000
42	Enalapril + <i>Enalaprilat</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	5.00	1000
		Human Plasma	EDTA	LC/MS/MS	API 3000	2.00	450
43	Entacapone + <i>Metabolite</i>	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	6000
		Human Plasma	EDTA	HPLC	HPLC-UV	50.0	6000
44	Entacapone + <i>Metabolite (Sensitive)</i>	Human Plasma	EDTA	LC/MS/MS	Premier XE	25.0	6000
		Human Plasma	EDTA	LC/MS/MS	Premier XE	25.0	6000
45	Eposartan	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	4000
46	Etodolac	Human Plasma	EDTA	LC/MS/MS	API 2000	500	8000
47	Erythromycin	Human Plasma	EDTA	LC/MS/MS	API2000	20.0	2000
48	Escitalopram	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.30	200
49	Esomeprazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	10.0	3500
50	Esomeprazole (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	3500
51	Felodipine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	10.0
52	Fenoprofen	Human Plasma	EDTA	LC/MS/MS	API 2000	250	100000
53*	Fenofibric Acid	Human Plasma	K3 EDTA	LC/MS/MS	API 2000	50	10000
54	Fexofenadine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	8.00	1000
55	Fexofenadine + Pseudoephedrine	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	1500
		Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	1500
56	*Fexofenedine +	Human Plasma	EDTA	LC/MS/MS	Premier XE	1.00	500

	Pseudoephedrine (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	Premier XE	2.00	1000
57	Fluconazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	50.0	10000
58*	Fluoxetine + <i>norfluoxetine</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	400
59	Gabapentin	Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	10000
60	Glibenclamide (<i>Glyburide</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
61	Glimepiride	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
62	Granisetron	Human Plasma	EDTA	LC/MS/MS	API 2000	0.15	15.0
63	Hydrochlorothiazide	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	500
64*	Hydrochlorothiazide (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
65*	Irbesartan + Hydrochlorothiazide	Human Plasma	Na Heparin	LC/MS/MS	API 2000	10.00	5000
66	Itraconazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	2.00	600
67*	Itraconazole + <i>Hydroxy Itraconazole</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	2.00	600
68	Lamivudine	Human Plasma	EDTA	LC/MS/MS	API 3000	60.0	6000
69	Lamivudine + Abacavir	Human Plasma	EDTA	LC/MS/MS	API 3000	55.0	11000
70	Lamivudine + Neverapine + Zidovudine	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
71	Lansoprazole	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	2000
72	Lansoprazole (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	2000
73	Levetiracetam	Human Plasma	EDTA	LC/MS/MS	Premier XE	300	60000
74	Levofloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	100	16000
75*	Levonogestrel	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.05	50.0
76	Lisinopril	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	200
77*	Lopinavir + Ritnovir +	Human Plasma	EDTA	LC/MS/MS	Premier XE	30.0	15000
78	Loratadine + <i>Desloratadine</i>	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	50.0
79	Mefenamic Acid	Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	12000
80	Mefenamic Acid (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	20.0	11000
81	Memantine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	100
82	Metformin	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	5000
83	Metoxsalen	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	200
84	Metoprolol	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	4.00	800
85	Metoprolol (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	0.30	300
86	Metronidazole	Human Plasma	CPDA, EDTA	HPLC	HPLC-UV	100	40000
87	Metronidazole	Human Plasma	EDTA	LC/MS/MS	API 2000	200	40000
88	Moxifloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	80.0	10000
89	Moxifloxacin (<i>Sensitive</i>)	Human Plasma	K3 EDTA	LC/MS/MS	API 3000	40.0	10000
90	Mycophenolate Mofetil + <i>Mycophenolic acid</i>	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	20.0	800
91	Mycophenolic acid (<i>Sensitive</i>)	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	300	50000
92*	Mycophenolate Mofetil (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	40.0	20000
93	Naratriptan	Human Plasma	EDTA	LC/MS/MS	API 4000	0.10	16.0
94	Nateglinide	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
95	Nefidipine	Human Plasma	EDTA	LC/MS/MS	API 3000	50.0	12000
96	Nevirapine	Human Plasma	EDTA	LC/MS/MS	API 4000	0.40	200.0
97	Norfloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
98	Nortriptyline	Human Plasma	EDTA	LC/MS/MS	API 2000	25.0	8000
99	Ofloxacin	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	220
100	Omeprazole	Human Plasma	EDTA	LC/MS/MS	API 2000	25.0	8000
101	Orphenadrine	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	2000
102	Paliperidone	Human Plasma	EDTA	LC/MS/MS	API 2000	4.00	800
103	Pantoprazole	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
104	Paroxetine	Human Plasma	EDTA	LC/MS/MS	API 2000	15.0	5000
105	Pregabalin	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	0.40	60.0
106	Pramipexole	Human Plasma	EDTA	LC/MS/MS	Premier XE	30.0	15000
107	Pravastatin	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
108	Quetiapine	Human Plasma	EDTA	LC/MS/MS	API 4000	0.30	200
109	Rabeprazole	Human Plasma	EDTA	LC/MS/MS	Premier XE	2.00	2000
110	Ramipril + <i>Ramiprilat</i>	Human Plasma	EDTA	LC/MS/MS	API 2000	3.00	2000
111	Ranitidine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	100
112	Ranolazine	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	1000
113	Repaglinide	Human Plasma	EDTA	LC/MS/MS	Premier XE	4.00	8000
114	Revastigmine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	200
115	Rizatriptan	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
116	Ropinirole	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	100
117*	Ropinirole	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
118	Rosiglitazone +	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
		Human Plasma	EDTA	LC/MS/MS	API 2000	6.00	1100

119	Metformin	Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	7600
	Rosuvastatin	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.60	100
120	Sertraline	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	1.50	300
121	Sildenafil	Human Plasma	EDTA	LC/MS/MS	API 3000	0.60	100
122*	Sildenafil + <i>Metabolite</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	0.60	100
	Simvastatin +	Human Plasma	EDTA	LC/MS/MS	API 4000	0.50	100.0
123	β - hydroxy Acid	Human Plasma	EDTA	LC/MS/MS	API 4000	0.50	100.0
124*	Simvastatin + β - hydroxy Acid	Human Plasma	EDTA	LC/MS/MS	API 4000	0.25	32.0
	Sirolimus	Human Blood	EDTA	LC/MS/MS	API 4000	0.40	40.0
125	Sirolimus (<i>Sensitive</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.10	50.0
126	Tacrolimus (<i>Rapid</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.50	100
127	Tacrolimus (<i>Sensitive</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.25	75.0
128	Tadalafil	Human Plasma	EDTA	LC/MS/MS	API 3000	8.00	1000
129	Telmisartan	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	1250
130	Tenofovir	Human Plasma	EDTA	LC/MS/MS	API 4000	3.00	900
131	Tenofovir +	Human Plasma	EDTA	LC/MS/MS	API 2000	8.00	1600
132*	Emtricitabin +	Human Plasma	EDTA	LC/MS/MS	API 2000	30.0	6000
	Tenofovir +	Human Plasma	EDTA	LC/MS/MS	API 4000	4.00	800
133	Emtricitabin +	Human Plasma	EDTA	LC/MS/MS	API 4000	15.0	3000
	Lamivudine	Human Plasma	EDTA	LC/MS/MS	API 4000	20.0	4000
134	Terbinafine	Human Plasma	EDTA	HPLC	HPLC-UV	25.0	5000
135	Topiramate	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	18.0	5000
136	Topiramate (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	5000
137	Tolterodine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	20.0
138*	Tolterodine + <i>5-Hydroxy Methyl Tolterodine</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	0.025	10.0
	Torsemide	Human Plasma	EDTA	LC/MS/MS	API 3000	20.0	4000
139	Trimetazidine	Human Plasma	EDTA	LC/MS/MS	Premier XE	1.00	202
140	Tropium Chloride	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
141	Tropium (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.02	10.00
142	Valacyclovir +	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	1000
143	<i>Acyclovir</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	50.0	10000
144	Valproic Acid	Human Plasma	EDTA	LC/MS/MS	API 2000	1000	150000
145	Valsartan	Human Plasma	EDTA	LC/MS/MS	API 3000	5.00	5000
146*	Vanalfaxine <i>O - Desmethyl Vanalfaxine</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	500
	Voriconazole	Human Plasma	EDTA	LC/MS/MS	API 4000	3.00	750
147	Zidovudine	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	9000
148	Zidovudine (<i>Sensitive</i>)	Human Plasma	EDTA	HPLC	HPLC-UV	75.0	6000
149	Zolpidem	Human Plasma	Na Heparin	HPLC	HPLC-UV	20.0	4000
150		Human Plasma	EDTA	LC/MS/MS	Premier XE	0.50	160

Methods Under Development

1	Acitretin + 13 - Cis Acitretin (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000		
2	Amantadine	Human Plasma	EDTA	LC/MS/MS	API 3000		
3	Aspirin + Salicylic Acid	Human Plasma	EDTA	LC/MS/MS	API 4000		
4	Cefprozil	Human Plasma	EDTA	LC/MS/MS	API 2000		
5	Eprosertan + HCTZ	Human Plasma	EDTA	LC/MS/MS	API 3000		
6	Ezitamibe + <i>Metabolite</i>	Human Plasma	EDTA	LC/MS/MS	API 4000		
7	Gliclazide Isradipine	Human Plasma	EDTA	LC/MS/MS	API 2000		
8	Lacidipine	Human Plasma	EDTA	LC/MS/MS	API 4000		
9	Mesalamine	Human Plasma	EDTA	LC/MS/MS	API 2000		
10	Oseltamivir	Human Plasma	EDTA	LC/MS/MS	API 2000		
11	Riluzole	Human Plasma	EDTA	LC/MS/MS	Premier XE		
12	Tiagamine	Human Plasma	EDTA	LC/MS/MS	API 4000		
13	Tizanidie	Human Plasma	EDTA	LC/MS/MS	Premier XE		
14	Trandopril	Human Plasma	EDTA	LC/MS/MS	API 4000		
15	Zolmitriptan	Human Plasma	EDTA	LC/MS/MS	Premier XE		

CPDA	Citrate Phosphate Dextrose Adinine
EDTA	Ethylene Diamine Tetra Acetic Acid
"*"	Labeled Isotopes used as Internal Standard
"+"	Simultaneous Estimation of Analytes