

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
6	Alfuzosin	Human Plasma	EDTA	LC/MS/MS	API 4000	9.50	950
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	Atenolol	Human Plasma	EDTA	LC/MS/MS	API 3000	8.00	2200
13	Atorvastatin	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.50	300
14*	Atorvastatin + <i>2 - Hydroxy Atorvastatin + 4 - Hydroxy Atorvastatin</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	0.25	50.0
	Atorvastatin +	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	100
	Atorvastatin +	Human Plasma	EDTA	LC/MS/MS	API 4000	0.10	100
15*	<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	0.05	50.0
16	Bisoprolol	Human Plasma	EDTA, EDTA	LC/MS/MS	API 2000	0.50	100
17	Caffeine	Human Plasma	Na Heparin	LC/MS/MS	API 2000	75.0	15000
18*	Candesartan	Human Plasma	EDTA	LC/MS/MS	Premier XE	1.00	500
19	Cefaclor	Human Plasma	CPDA, EDTA	HPLC	HPLC-UV	500	50000
20	Cefadroxil	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	300	60000
21	Cefixime	Human Plasma	EDTA	HPLC	HPLC-UV	100	20000
22	Cefixime (<i>Rapid</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	100	20000
23	Cefpodoxime acid	Human Plasma	EDTA	HPLC	HPLC-UV	200	10000
24	Cefpodoxime acid (<i>Rapid</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	100	10000
25	Cefuroxime acid	Human Plasma	EDTA	HPLC	HPLC-UV	150	3000
26	Cephalexin	Human Plasma	EDTA	HPLC	HPLC-UV	200	120000
27	Cinnargine	Human Plasma	EDTA	LC/MS/MS	Premier XE	5.00	750
28	Clarithromycin	Human Plasma	EDTA	LC/MS/MS	API 3000	50.0	10000
29	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
30	Clopidogrel	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	0.20	25.0
31	Desloratadine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	10.0
32*	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
33	Diclofenac	Human Plasma	EDTA	LC/MS/MS	API 3000	25.0	4000
34	Dipyridamole	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	4500
35	Donepezil	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.50	200
36	Doxycycline	Human Plasma	Na Heparin	LC/MS/MS	Premier XE	10.0	5000
37	Duloxetine	Human Plasma	EDTA	LC/MS/MS	API 2000	0.40	150
38	Efavirenz	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	8400
39*	Eletriptan	Human Plasma	Na Heparin	LC/MS/MS	Premier XE	0.50	200
40	Emtricitabin	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	3000
41	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
42	Entacapone+ <i>Metabolite</i>	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	6000
		Human Plasma	EDTA	HPLC	HPLC-UV	50.0	6000
43	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	Etodolac	Human Plasma	EDTA	LC/MS/MS	API 2000	500	8000
45	Erythromycin	Human Plasma	EDTA	LC/MS/MS	API2000	20	2000
46	Escitalopram	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.30	200
46	Esomeprazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	10.0	3500
47	Esomeprazole (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	3500
48	Felodipine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	10.0
49	Fenoprofen	Human Plasma	EDTA	LC/MS/MS	API 2000	250	100000
50*	Fenofibric Acid	Human Plasma	K3 EDTA	LC/MS/MS	API 2000	50	10000

51	Fexofenadine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	8.00	1000
52	Fexofenadine +	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	1500
	Pseudoephedrine	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	1500
53	*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
54	Fluconazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	50.0	10000
55*	Fluoxetine +	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	400
	<i>norfluoxetine</i>	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	400
56	Gabapentin	Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	10000
57	Glibenclamide (<i>Glyburide</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
58	Glimepiride	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
59	Granisetron	Human Plasma	EDTA	LC/MS/MS	API 2000	0.15	15.0
60	Hydrochlorothiazide	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	500
61*	Hydrochlorothiazide (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	1.00	500
62*	Irbesatrn +	Human Plasma	Na Heparin	LC/MS/MS	API 2000	10.00	5000
	Hydrochlorothiazide	Human Plasma	Na Heparin	LC/MS/MS	API 2000	1.00	500
63	Itraconazole	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	2.00	600
64*	Itraconazole +	Human Plasma	EDTA	LC/MS/MS	API 3000	2.00	600
	<i>Hydroxy Itraconazole</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	2.00	600
65	Lamivudine	Human Plasma	EDTA	LC/MS/MS	API 3000	60.0	6000
66	Lamivudine +	Human Plasma	EDTA	LC/MS/MS	API 3000	55.0	11000
	Abacavir	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	6000
67	Lamivudine +	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
	Neverapine +	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
	Zidovudine	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
68	Lansoprazole	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	2000
69	Lansoprazole (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	2000
70	Levetiracetam	Human Plasma	EDTA	LC/MS/MS	Premier XE	300	60000
71	Levofloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	100	16000
72*	Levonogestrel	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.05	50.0
73	Lisinopril	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	200
74*	Lopinavir +	Human Plasma	EDTA	LC/MS/MS	Premier XE	30.0	15000
	Ritnovir +	Human Plasma	EDTA	LC/MS/MS	Premier XE	3.00	1500
75	Loratadine +	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	50.0
	<i>Desloratadine</i>	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	0.20	50.0
76	Mefenamic Acid	Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	12000
77	Mefenamic Acid (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	20.0	11000
78	Memantine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	100
79	Metformin	Human Plasma	EDTA	HPLC	HPLC-UV	50.0	5000
80	Methoxsalen	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	200
81	Metoprolol	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	4.00	800
82	Metoprolol (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	0.30	300
83	Metronidazole	Human Plasma	CPDA, EDTA	HPLC	HPLC-UV	100	40000
84	Moxifloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	80.0	10000
85	Moxifloxacin (<i>Sensitive</i>)	Human Plasma	K3 EDTA	LC/MS/MS	API 3000	40.0	10000
86	Mycophenolate Mofetil +	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	20.0	800
	<i>Mycophenolic acid</i>	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	300	50000
87	Mycophenolic acid (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 3000	40.0	20000
88*	Mycophenolate Mofetil (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	0.10	16.0
89	Naratriptan	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
90	Nateglinide	Human Plasma	EDTA	LC/MS/MS	API 3000	50.0	12000
91	Nefidipine	Human Plasma	EDTA	LC/MS/MS	API 4000	0.40	200.0
92	Nevirapine	Human Plasma	EDTA	LC/MS/MS	API 2000	50.0	5000
93	Norfloxacn	Human Plasma	EDTA	LC/MS/MS	API 2000	25.0	8000
94	Nortriptyline	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	220
95	Ofloxacin	Human Plasma	EDTA	LC/MS/MS	API 2000	25.0	8000
96	Omeprazole	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	2000
97	Orphenadrine	Human Plasma	EDTA	LC/MS/MS	API 2000	4.00	800
98	Paliperidone	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
99	Pantoprazole	Human Plasma	EDTA	LC/MS/MS	API 2000	15.0	5000
100	Paroxetine	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	0.40	60.0
101	Pregabalin	Human Plasma	EDTA	LC/MS/MS	Premier XE	30.0	15000
102	Pramipexole	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
103	Pravastatin	Human Plasma	EDTA	LC/MS/MS	API 4000	0.30	200
104	Rabeprazole	Human Plasma	EDTA	LC/MS/MS	API 2000	3.00	2000
105	Ramipril +	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	100
	<i>Ramiprilat</i>	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	100

106	Ranitidine	Human Plasma	EDTA	LC/MS/MS	API 2000	5.00	1000
107	Ranolazine	Human Plasma	EDTA	LC/MS/MS	Premier XE	4.00	8000
108	Repaglinide	Human Plasma	EDTA	LC/MS/MS	API 3000	0.50	200
109	Revastigmine	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
110	Ropinirole	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
111*	Ropinirole	Human Plasma	EDTA	LC/MS/MS	API 4000	0.02	4.00
112	Rosiglitazone + Metformin	Human Plasma	EDTA	LC/MS/MS	API 2000	6.00	1100
		Human Plasma	EDTA	LC/MS/MS	API 2000	40.0	7600
113	Rosuvastatin	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.60	100
114	Sertraline	Human Plasma	CPDA, EDTA	LC/MS/MS	API 2000	1.50	300
115	Sildenafil	Human Plasma	EDTA	LC/MS/MS	API 3000	0.60	100
116	Simvastatin + β - hydroxy Acid	Human Plasma	EDTA	LC/MS/MS	API 4000	0.50	100.0
		Human Plasma	EDTA	LC/MS/MS	API 4000	0.50	100.0
117*	Simvastatin + β - hydroxy Acid	Human Plasma	EDTA	LC/MS/MS	API 4000	0.25	32.0
		Human Plasma	EDTA	LC/MS/MS	API 4000	0.25	32.0
118	Sirolimus	Human Blood	EDTA	LC/MS/MS	API 4000	0.40	40.0
119	Sirolimus (<i>Sensitive</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.10	50.0
120	Tacrolimus (<i>Rapid</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.50	100
121	Tacrolimus (<i>Sensitive</i>)	Human Blood	EDTA	LC/MS/MS	Premier XE	0.25	75.0
122	Tadalafil	Human Plasma	EDTA	LC/MS/MS	API 3000	8.00	1000
123	Telmisartan	Human Plasma	EDTA	LC/MS/MS	API 4000	1.00	1250
124	Tenofovir	Human Plasma	EDTA	LC/MS/MS	API 4000	3.00	900
125*	Tenofovir + Emtricitabin +	Human Plasma	EDTA	LC/MS/MS	API 2000	8.00	1600
		Human Plasma	EDTA	LC/MS/MS	API 2000	30.0	6000
126	Tenofovir + Emtricitabin +	Human Plasma	EDTA	LC/MS/MS	API 4000	4.00	800
		Human Plasma	EDTA	LC/MS/MS	API 4000	15.0	3000
		Human Plasma	EDTA	LC/MS/MS	API 4000	20.0	4000
127	Terbinafine	Human Plasma	EDTA	HPLC	HPLC-UV	25.0	5000
128	Topiramate	Human Plasma	CPDA, EDTA	LC/MS/MS	API 4000	18.0	5000
129	Topiramate (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	5000
130	Tolterodine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.20	20.0
131*	Tolterodine + 5-Hydroxy Methyl Tolterodine	Human Plasma	EDTA	LC/MS/MS	API 3000	0.025	10.0
		Human Plasma	EDTA	LC/MS/MS	API 3000	0.025	10.0
132	Torseamide	Human Plasma	EDTA	LC/MS/MS	API 3000	20.0	4000
133	Trimetazidine	Human Plasma	EDTA	LC/MS/MS	Premier XE	1.00	202
134	Tropium Chloride	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.10	20.0
135	Valacyclovir + Acyclovir	Human Plasma	EDTA	LC/MS/MS	API 4000	5.00	1000
		Human Plasma	EDTA	LC/MS/MS	API 4000	50.0	10000
136	Valproic Acid	Human Plasma	EDTA	LC/MS/MS	API 2000	1000	150000
137	Valsartan	Human Plasma	EDTA	LC/MS/MS	API 3000	5.00	5000
138*	Vanalfaxine O - Desmethyl Vanalfaxine	Human Plasma	EDTA	LC/MS/MS	API 4000	2.00	500
		Human Plasma	EDTA	LC/MS/MS	API 4000	3.00	750
139	Voriconazole	Human Plasma	EDTA	LC/MS/MS	API 3000	30.0	9000
140	Zidovudine	Human Plasma	EDTA	HPLC	HPLC-UV	75.0	6000
141	Zidovudine (<i>Sensitive</i>)	Human Plasma	Na Heparin	HPLC	HPLC-UV	20.0	4000
142	Zolpidem	Human Plasma	EDTA	LC/MS/MS	Premier XE	0.50	160

Methods Under Development

1	Codeine/Chlorpheniramine	Human Plasma	EDTA	LC/MS/MS	Premier XE		
2	Sildenafil+Met	Human Plasma	EDTA	LC/MS/MS	API 3000		
3	Eprosartan	Human Plasma	EDTA	LC/MS/MS	Premier XE		
4	Eprosartan+HCTZ	Human Plasma	EDTA	LC/MS/MS	API 3000		
5	Quetiapine	Human Plasma	EDTA	LC/MS/MS	Premier XE		
6	Amantadine	Human Plasma	EDTA	LC/MS/MS	API 3000		
7	Riluzole	Human Plasma	EDTA	LC/MS/MS	Premier XE		
8	Cefprozil	Human Plasma	EDTA	LC/MS/MS	API 2000		
9	Mesalamine	Human Plasma	EDTA	LC/MS/MS	API 2000		
10	Rizatriptan	Human Plasma	EDTA	LC/MS/MS	Premier XE		
11	Zolmitriptan	Human Plasma	EDTA	LC/MS/MS	Premier XE		
	Acitretin +	Human Plasma	EDTA	LC/MS/MS	API 4000		
12	13 - Cis Acitretin (<i>Sensitive</i>)	Human Plasma	EDTA	LC/MS/MS	API 4000		

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

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