

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
1	Acetaminophen	Plasma	K2EDTA	50.000 to 15000.000 ng/mL	LC/MS/MS	Validated
2	Acetazolamide	Plasma	K2EDTA	100.000 to 40000.000 ng/mL	LC/MS/MS	Validated
3	all trans Acitretin*	Plasma	K2EDTA	1.500 to 400.000 ng/mL	LC/MS/MS	Validated
	13-cis acitretin*			0.300 to 80.000 ng/mL		
4	Apixaban	Plasma	K2EDTA	4.000 to 1000.000 ng/mL	LC/MS/MS	Validated
5	Atorvastatin	Plasma	K2EDTA	0.200 to 100.000 ng/mL	LC/MS/MS	Under development
	Ortho Hydroxy Atorvastatin			0.200 to 100.000 ng/mL		
	Para Hydroxy Atorvastatin			0.020 to 10.000 ng/mL		
6	Azilsartan	Plasma	K2EDTA	40.000 to 14000.000 ng/mL	LCMSMS	Validated
7	Azithromycin	Plasma	K2EDTA	5.000 to 800.000 ng/mL	LC/MS/MS	Validated
8	Bisoprolol	Plasma	K2EDTA	0.250 to 80.000 ng/mL	LCMSMS	Validated
9	Carbamazepine	Plasma	K2EDTA/K3EDT A	40.000 to 8000.000 ng/mL	LC/MS/MS	Validated
10	Carvedilol	Plasma	K2EDTA	200.000 to 100000.000 pg/mL	LC/MS/MS	Validated
	4-hydroxyphenyl-carvedilol			50.000 to 25000.000 pg/mL		
11	Cefixime	Plasma	K2EDTA	40.000 to 8000.000 ng/mL	LC/MS/MS	Validated
12	Cetirizine	Plasma	K2EDTA	4.000 to 800.000 ng/mL	LC/MS/MS	Validated
13	Chlordiazepoxide	Plasma	NaF/Potassium Oxalate	2.000 to 500.000 ng/mL	LC/MS/MS	Validated
	Clidinium			0.016 to 4.000 ng/mL		
14	Chlordiazepoxide	Plasma	K2EDTA	10.000 to 3500.000 ng/mL	LCMSMS	Validated
15	Clarithromycin	Plasma	K2EDTA	25.000 to 8000.000 ng/mL	LC/MS/MS	Validated

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
16	Clarithromycin	Plasma	K2EDTA	5.000 to 5000.000 ng/mL	LC/MS/MS	Validated
17	Curcumin Free	Plasma	K2EDTA	50.040 to 5000.000 pg/mL	LC/MS/MS	Validated
18	Curcumin Total	Plasma	K2EDTA	5.000 to 1000.000 ng/mL	LC/MS/MS	Validated
	Demethoxycurcumin			0.500 to 100.000 ng/mL		
	Bisdemethoxycurcumin			0.200 to 40.000 ng/mL		
	Tetra hydro curcumin			2.000 to 400.000 ng/mL		
19	Dapagliflozin	Plasma	K2EDTA	1.000 to 200.000 ng/mL	LC/MS/MS	Validated
20	Dapagliflozin	Plasma	K2EDTA	0.500 to 200.000 ng/mL	LC/MS/MS	PMV Completed
21	Deferasirox	Plasma	K2EDTA	100.000 to 25000.000 ng/mL	LC/MS/MS	Validated
22	Diclofenac	Plasma	K2EDTA/K3EDT A	5.000 to 4000.000 ng/mL	LC/MS/MS	Validated
23	Dicycloverine	Plasma	K2EDTA	1.000 to 200.000 ng/mL	LC/MS/MS	Validated
24	Doxycycline	Plasma	K3EDTA	30.003 to 3000.000 ng/mL	LC/MS/MS	Validated
25	Doxycycline	Plasma	K2EDTA	15.000 to 3000.000 ng/mL	LC/MS/MS	Validated
26	Eliglustat	Plasma	K3EDTA	0.100 to 100.000 ng/mL	LCMSMS	Validated
27	Erythromycin	Plasma	K2EDTA	20.000 to 6000.000 ng/mL	LC/MS/MS	Validated
28	Esomeprazole	Plasma	K2EDTA	1.000 to 400.000 ng/mL	LC/MS/MS	Developed
29	Eszopiclone	Plasma	K2EDTA	0.200 to 40.000 ng/mL	LCMSMS	Validated
30	Ethinyl estradiol	Plasma	K2EDTA	1.000 to 200.000 pg/mL	LC/MS/MS	Validated
	Levonorgestrel			25.000 to 5000.000 pg/mL		

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
31	Ezetimibe	Plasma	K2EDTA	50.000 to 20000.000 pg/mL	LC/MS/MS	Validated
	Ezetimibe Phenoxy Glucuronide			1000.000 to 400000.000 pg/mL		
32	Famotidine	Plasma	K2EDTA	0.500 to 300.000 ng/mL	LC/MS/MS	Validated
33	Finofibric Acid	Plasma	K2EDTA	100.000 to 20000.000 ng/mL	LCMSMS	Validated
34	Fludrocortisone	Plasma	K2EDTA	20.000 to 3000.000 pg/mL	LCMSMS	Validated
35	Gefitinib	Plasma	K2EDTA	1.000 to 400.000 ng/mL	LC/MS/MS	Validated
36	Glimepiride	Plasma	K2EDTA	2.000 to 800.000 ng/mL	LC/MS/MS	Validated
37	Guaifenesin	Plasma	K2EDTA	10.000 to 500.000 ng/mL	LCMSMS	Under development
38	Ibuprofen	Plasma	K2EDTA	200.000 to 40000.000 ng/mL	LC/MS/MS	Validated
39	Ibuprofen	Plasma	K2EDTA	500.000 to 120000.000 ng/mL	LC/MS/MS	Validated
40	Idelalisib	Plasma	K2EDTA	10.000 to 3500.000 ng/mL	LC/MS/MS	Validated
41	Imatinib	Plasma	K2EDTA	10.000 to 4000.000 ng/mL	LC/MS/MS	Validated
42	Iron Sucrose: Total Iron	Serum	NA	0.700 to 60.000 µg/mL	ICP-MS	Validated
	Iron Sucrose: Transferrin bound iron	Serum	NA	0.600 to 10.000 µg/mL	ICP-MS	Validated
43	Isosorbide mononitrate (ISMN)	Plasma	K2EDTA	5.000 to 1800.000 ng/mL	LC/MS/MS	Validated
44	Itraconazole	Plasma	K2EDTA	1.000 to 500.000 ng/mL	LCMSMS	Validated
	Hydroxyitraconazole			1.000 to 500.000 ng/mL		
45	Lamotrigine	Plasma	K2EDTA	8.000 to 5000.000 ng/mL	LCMSMS	Validated

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
46	Lansoprazole	Plasma	K2EDTA	5.000 to 3000.000 ng/mL	LCMSMS	Validated
47	Levetiracetam	Plasma	K2EDTA	200.000 to 70000.000 ng/mL	LC/MS/MS	Validated
48	Levonorgestrel	Plasma	K2EDTA	25.000 to 5000.000 pg/mL	LCMSMS	PMV Completed
49	Levothyroxine	Serum	NA	25.000 to 300.00 ng/mL	LCMSMS	Validated
50	Loperamide	Plasma	K2EDTA	10.000 to 5000.000 pg/mL	LC/MS/MS	Validated
51	Losartan	Plasma	K2EDTA	2.000 to 2000.000 ng/mL	LC/MS/MS	Validated
	Losartan Carboxylic Acid			4.000 to 4000.000 ng/mL		
52	Memantine	Plasma	K2EDTA	0.200 to 50.000 ng/mL	LC/MS/MS	Validated
53	Memantine	Plasma	K2EDTA	0.300 to 90.000 ng/mL	LC/MS/MS	Validated
	Donepezil			0.250 to 75.000 ng/mL		
54	Mesalamine	Plasma	K3EDTA	5.000 to 1500.000 ng/mL	LC/MS/MS	Validated
55	Mesalamine	Plasma	K2EDTA	5.000 to 4500.000 ng/mL	LC/MS/MS	MD Ongoing
56	Metformin	Plasma	K3EDTA	15.000 to 3000.000 ng /mL	LC/MS/MS	Validated
57	Metformin	Plasma	K2EDTA	5.000 to 2500.000 ng /mL	LC/MS/MS	Validated
58	Metformin	Plasma	K2EDTA	10.000 to 2000.000 ng/mL	LC/MS/MS	PMV Completed
	Gliclazide			10.000 to 2000.000 ng/mL		
59	Metformin	Plasma	K2EDTA	10.000 to 2000.000 ng/mL	LC/MS/MS	Validated
	Sitagliptin			2.000 to 400.000 ng/mL		
60	Metformin	Plasma	K2EDTA	10.000 to 3000.000 ng/mL	LC/MS/MS	Validated
	Sitagliptin			2.000 to 600.000 ng/mL		

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
61	Metformin	Plasma	K2EDTA	10.000 to 2000.000 ng /mL	LC/MS/MS	Validated
	Sitagliptin			7.500 to 1500.000 ng /mL		
62	Methylphenidate	Plasma	K2EDTA	0.200 to 40.000 ng/mL	LC/MS/MS	Validated
63	Methylprednisolone	Plasma	NaF/Potassium Oxalate	5.000 to 1000.000 ng/mL	LC/MS/MS	Validated
64	Metoprolol	Plasma	K2EDTA	1.000 to 300.000 ng/mL	LCMSMS	Validated
65	Metronidazole	Plasma	K2EDTA	50.000 to 15000.000 ng/mL	LC/MS/MS	Validated
66	Mirabegron	Plasma	K2EDTA	0.100 to 100.000 ng/mL	LC/MS/MS	Validated
67	Monomethyl Fumarate	Plasma	K2EDTA	10.000 to 6000.000 ng/mL	LC/MS/MS	Validated
68	Naproxan	Plasma	K2EDTA	500.000 to 80000.000 ng/mL	LC/MS/MS	Validated
69	Nicotine	Plasma	K2EDTA	0.500 to 40.000 ng/mL	LC/MS/MS	Validated
70	Nicotine	Plasma	K2EDTA	0.350 to 40.000 ng/mL	LC/MS/MS	Validated
71	Nifedipine	Plasma	K3EDTA	0.250 to 150.000 ng/mL	LCMSMS	Validated
72	Nintedanib	Plasma	K2EDTA	0.150 to 30.000 ng/mL	LC/MS/MS	Validated
73	Nitrofurantoin	Plasma	K2EDTA	2.000 to 800.000 ng/mL	LC/MS/MS	PMV Completed
74	Omeprazole	Plasma	K2EDTA	5.000 to 5000.000 ng/mL	LC/MS/MS	Validated
75	Oxybutynin	Plasma	K2EDTA	0.100 to 35.000 ng/mL	LCMSMS	Validated
	N -desethyl Oxybutynin			0.500 to 175.000 ng/mL		
76	Oxybutynin	Plasma	K2EDTA	0.050 to 20.000 ng/mL	LCMSMS	Validated
	N -desethyl Oxybutynin			0.150 to 60.000 ng/mL		
77	Paliperidone	Plasma	K2EDTA	0.100 to 50.000 ng/mL	LC/MS/MS	Validated

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
78	Pazopanib	Plasma	K2EDTA	0.050 to 40.000 µg/mL	LC/MS/MS	Validated
79	Penicillin G	Plasma	K2EDTA	1.000 to 1000.000 ng/mL	LC/MS/MS	Validated
80	Perphenazine	Plasma	K2EDTA	20.000 to 2500.000 pg/mL	LC/MS/MS	Validated
81	Phenytoin	Plasma	K2EDTA	25.000 to 10000.000 ng/mL	LCMSMS	Validated
82	Progesterone	Serum	NA	0.250 to 50.000 ng/mL	LCMSMS	PMV Completed
83	Propranolol	Plasma	K2EDTA	0.350 to 140.000 ng/mL	LCMSMS	Validated
	4- hydroxypropranolol			0.100 to 40.000 ng/mL		
84	Prucalopride	Plasma	K2EDTA	50.000 to 15000.000 pg/mL	LCMSMS	Validated
85	Quinapril	Plasma	K2EDTA	5.000 to 2500.000 ng/mL	LC/MS/MS	Validated
	Quinprilat			10.000 to 5000.000 ng/mL		
86	Raltegravir	Plasma	K2EDTA	20.000 to 10000.000 ng/mL	LC/MS/MS	Validated
87	Ranolazine	Plasma	K2EDTA	2.500 to 3000.000 ng/mL	LC/MS/MS	PMV Completed
88	Rifaximin	Plasma	K2EDTA	15.000 to 7500.000 pg/mL	LCMSMS	Validated
89	Risperidone	Plasma	K2EDTA	100.000 to 50000.000 pg/mL	LCMSMS	Validated
90	Rosuvastatin	Plasma	K2EDTA	0.150 to 60.000 ng/mL	LC/MS/MS	PMV Completed
91	Rosuvastatin	Plasma	K2EDTA	0.500 to 200.000 ng/mL	LC/MS/MS	Validated
92	Satranidazole	Plasma	K2EDTA	50.000 to 15000.000 ng/mL	LC/MS/MS	Validated
93	Sertraline	Plasma	K2EDTA	0.150 to 50.000 ng/mL	LC/MS/MS	Validated

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
94	Sertraline	Plasma	K2EDTA	0.500 to 100.000 ng/mL	LC/MS/MS	PMV Completed
95	Sildenafil	Plasma	K2EDTA	4.000 to 1600.000 ng/mL	LC/MS/MS	Validated
	Piperazine N-Desmethyl Sildenafil			1.500 to 600.000 ng/mL		
96	Sildenafil	Plasma	K2EDTA	1.000 to 250.000 ng/mL	LC/MS/MS	Validated
	Piperazine N-Desmethyl Sildenafil			0.300 to 75.000 ng/mL		
97	Silodosin	Plasma	K2EDTA	0.400 to 300.000 ng/mL	LC/MS/MS	Validated
	Silodosin Glucuronide			0.400 to 300.000 ng/mL		
98	Sitagliptin	Plasma	K2EDTA	2.000 to 800.000 ng/mL	LC/MS/MS	Validated
99	Spirolactone	Plasma	K2EDTA	0.500 to 300.000.000 ng/mL	LC/MS/MS	Validated
100	Tadalafil	Plasma	K2EDTA	4.000 to 1000.000 ng/mL	LC/MS/MS	Validated
101	Telmisartan	Plasma	K2EDTA	2.000 to 1000.000 ng/mL	LC/MS/MS	Validated
102	Teneligliptin	Plasma	K2EDTA	2.000 - 400.000 ng/mL	LC/MS/MS	Validated
103	Theophylline	Plasma	K2EDTA	50.000 to 15000.000 ng/mL	LC/MS/MS	Validated
104	Tofacitinib	Plasma	K2EDTA	0.200 to 100.000 ng/mL	LC/MS/MS	Validated
105	Tofacitinib	Plasma	K2EDTA	0.200 to 200.000 ng/mL	LC/MS/MS	Validated

VALIDATED METHOD LIST

Sr. No	Name of Molecule	Matrix	Anticoagulant	Calibration range	Method	Status
106	Tolterodine	Plasma	K2EDTA	20.000 to 10000.000 pg/mL	LC/MS/MS	Under development
	5-Hydroxymethyl Tolterodine			20.000 to 10000.000 pg/mL		
107	Venlafaxine	Plasma	K2EDTA	0.500 to 150.000 ng/mL	LC/MS/MS	Validated
	O-desmethylvenlafaxine			1.000 to 300.000 ng/mL		
108	Verapamil	Plasma	K2EDTA	1.000 to 450.000 ng/mL	LC/MS/MS	Validated
	Norverapamil			1.000 to 450.000 ng/mL		
109	Withanolide A	Plasma	K2EDTA	0.025 to 50.000 ng/mL	LC/MS/MS	Validated
	12-deoxywithastramonolide			0.100 to 200.000 ng/mL		