

Analytical Methods

S. No.	Molecule	Linearity	Biological Matrix	Anti-coagulant
1	Celecoxib	5.000 to 2000.000 ng/mL	Plasma	EDTA K ₂
2	Valacyclovir	50.000 to 10000.000 ng/mL	Plasma	CPD/EDTA K ₂
3	Irbesartan	50.000 to 10000.000 ng/mL	Plasma	CPD/EDTA K ₂
4	Hydrochlorothiazide	2.000 to 280.000 ng/mL	Plasma	CPD/EDTA K ₂
5	Raloxifene	10.800 to 1080.000 pg/mL	Plasma	EDTA K ₂
6	Medroxyprogesterone	0.105 to 12.000 ng/mL	Plasma	EDTA K ₂
7	Methocarbamol	100.000 to 10000.000 ng/mL	Plasma	EDTA K ₂
8	Betamethasone	0.225 to 15.000 ng/mL	Plasma	EDTA K ₂
9	Indomethacin	25.500 to 3000.000 ng/mL	Plasma	EDTA K ₂
10	Amoxicillin Clavulanic acid	0.175 to 20.000 µg/mL 0.070 to 8.025 µg/mL	Plasma	EDTA K ₂
11	Duloxetine	0.500 to 100.000 ng/mL	Plasma	CPD
12	Gabapentin	54.375 to 4350.000 ng/mL	Plasma	EDTA K ₂
13	Montelukast	1.095 to 1251.250 ng/mL	Plasma	EDTA K ₂
14	Ramipril	0.263 to 30.000 ng/mL	Plasma	EDTA K ₂
15	Exemestane	0.525 to 70.000 ng/mL	Plasma	EDTA K ₂
16	Pregabalin	0.103 to 16.500 µg/mL	Plasma	EDTA K ₂
17	Drospirenone	1.000 to 100.000 ng/mL	Plasma	EDTA K ₂
18	Ethinylestradiol	3.000 to 500.000 pg/mL	Plasma	EDTA K ₂
19	Gestodene	0.051 to 6.400 ng/mL	Plasma	EDTA K ₂
20	Risperidone	0.150 to 75.000 ng/mL	Plasma	EDTA K ₂
21	Bisoprolol	0.420 to 140.027 ng/mL	Plasma	EDTA K ₂
22	Dexrabeprazole	3.211 to 1 712.500 ng/mL	Plasma	EDTA K ₂
23	Tadalafil	3.000 to 800.000 ng/mL	Plasma	EDTA K ₂
24	Esomeprazole	5.035 to 3533.200 ng/mL	Plasma	EDTA K ₂
25	Pramipexole	10.700 to 5714.000 pg/mL	Plasma	EDTA K ₂
26	Candesartan	3.127 to 781.625 ng/mL	Plasma	EDTA K ₂
27	Telmisartan	1.000 to 930.000 ng/mL	Plasma	EDTA K ₂
28	Ezetimibe Simvastatin	0.017 to 24.750 ng/mL 0.050 to 74.250 ng/mL	Plasma	EDTA K ₂
29	Sirolimus	0.101 to 51.000 ng/mL	Total Blood	EDTA K ₂
30	Ibuprofen	0.500 to 40.000 µg/mL	Plasma	EDTA K ₂
31	Ibuprofen	2.023 to 74.925 µg/mL	Plasma	EDTA K ₂
32	Fingolimod	10.200 to 5100.000 pg/mL	Total Blood	EDTA K ₂
33	Linezolid	0.249 to 35.250 µg/mL	Plasma	EDTA K ₂

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34	Glimepiride	1.000 to 700.000 ng/mL	Plasma	EDTA K ₂
35	Capecitabine	10.125 to 10125.000 ng/mL	Plasma	EDTA K ₂
36	Tramadol	2.531 to 405.027 ng/mL	Plasma	EDTA K ₂
37	Paracetamol	60.156 to 9625.000 ng/mL	Plasma	EDTA K ₂
38	Valganciclovir	2.000 to 500.000 ng/mL	Plasma	EDTA K ₂
39	Eplerenone	10.000 to 3000.000 ng/mL	Plasma	EDTA K ₂
40	Clozapine	0.498 to 181.250 ng/mL	Plasma	EDTA K ₂
41	Fluvoxamine	1.000 to 153.884 ng/mL	Plasma	EDTA K ₂
42	Tamsulosin	0.101 to 25.247 ng/mL	Plasma	EDTA K ₂
43	Valproic acid	543.888 to 120864.028 ng/mL	Plasma	EDTA K ₂
44	Etoricoxib	92.813 to 7425.000 ng/mL	Plasma	EDTA K ₂
45	Erlotinib	10.971 to 2158.136 ng/mL	Plasma	EDTA K ₂
46	Rosuvastatin	0.059 to 67.500 ng/mL	Plasma	EDTA K ₂
47	Pioglitazone	13.078 to 3487.500 ng/mL	Plasma	EDTA K ₂
48	Rivastigmine	0.051 to 41.028 ng/mL	Plasma	EDTA K ₂
49	Ivermectin	1.142 to 47.000 ng/mL	Plasma	EDTA K ₂
50	Ceftibuten	0.105 to 37.500 µg mL	Plasma	EDTA K ₂
51	Rasagiline	13.037 to 13036.863 pg/mL	Plasma	EDTA K ₂
52	Saquinavir	8.303 to 7380.167 ng/mL	Plasma	EDTA K ₂
53	Gefitinib	1.000 to 400.000 ng/mL	Plasma	EDTA K ₂
54	Tofacitinib	0.539 to 215.473 ng/mL	Plasma	HEPARIN
55	Darunavir	30.000 to 15000.000 ng/mL	Plasma	EDTA K ₂
56	Mycophenolic acid	47.215 to 23750.000 ng/mL	Plasma	EDTA K ₂
57	Digoxin	10.343 to 5200.000 pg/mL	Plasma	EDTA K ₂
58	Fenofibric acid	52.500 to 17500.000 ng/mL	Plasma	NaF/(COOK) ₂
59	Enclomiphene	50.187 to 30884.129 pg/mL	Plasma	EDTA K ₂
60	Everolimus	0.182 to 121.135 ng/mL	Total Blood	EDTA K ₂