

#	Molecule Name	Anti-coagulant	Biological Matrix	Linearity Range
1	Sumatriptan	K ₂ EDTA	Human Plasma	200.880 ng/mL to 0.500 ng/mL
2	Tolvaptan	K ₂ EDTA	Human Plasma	906.631ng/mL to 2.021 ng/mL
3	Fenoprofen	K ₂ EDTA	Human Plasma	40796.749 ng/mL to 100.462 ng/mL
4	Nebivolol	K ₂ EDTA	Human Plasma	11927.816 pg/mL to 40.085 ng/mL
5	Dextromethorphan in-presence Guaifenesin	K ₂ EDTA	Human Plasma	15365.144 pg/ml to 52.252 pg/ml
6	Guaifenesin in-presence Dextromethorphan	K ₂ EDTA	Human Plasma	5011.010 ng/mL to 20.449 ng/mL
7	Ticagrelor + Desethoxyhydroxy Ticagrelor	K ₂ EDTA	Human Plasma	1501.601 ng/mL to 5.079 ng/mL for Ticagrelor 601.017 ng/mL to 2.033 ng/mL for Desethoxyhydroxy Ticagrelor
8	Diclofenac	K ₂ EDTA	Human Plasma	4007.119 ng/mL to 10.049 ng/mL
9	Fluvastatin	K ₂ EDTA	Human Plasma	301.218 ng/mL to 0.597 ng/mL
10	Venlafaxine+O-Desmethyl Venlafaxine	K ₂ EDTA	Human Plasma	456.172 ng/mL to 1.499 ng/mL for Venlafaxine 609.528 ng/mL to 2.003 ng/mL for O- Desmethyl Venlafaxine
11	Cetirizine+Pseudoephedrine	K ₂ EDTA	Human Plasma	602.552 ng/mL to 2.010 ng/mL for Cetirizine 900.735 ng/mL to 3.005 ng/mL for Pseudoephedrine
12	Esomeprazole	K ₂ EDTA	Human Plasma	3959.848 ng/mL to 5.005 ng/mL
13	Metoprolol	K ₂ EDTA	Human Plasma	603.563 ng/mL to 1.531 ng/mL
14	Valsartan	K ₂ EDTA	Human Plasma	15033.170 ng/mL to 50.068 ng/mL
15	Chlorthalidone	K ₂ EDTA	Human Plasma	1006.958 ng/mL to 4.048 ng/mL
16	Hydrochlorothiazide in-presence Losartan+ Losartan carboxylic acid	K ₂ EDTA	Human Plasma	403.238 ng/mL to 1.016 ng/mL
17	Losartan+ Losartan carboxylic acid in-presence Hydrochlorothiazide	K ₂ EDTA	Human Plasma	2401.001 ng/mL to 5.002 ng/mL for Losartan 2402.219 ng/mL to 5.005 ng/mL for Losartan carboxylic acid
18	Progesterone	K ₂ EDTA	Human Plasma	40.183 ng/mL to 0.100 ng/mL
19	Eltrombopag	K ₂ EDTA	Human Plasma	30485.025 ng/mL to 60.141 ng/mL
20	Edoxaban	K ₂ EDTA	Human Plasma	797.269 ng/mL to 4.000 ng/mL
21	Ondansetron	K ₂ EDTA	Human Plasma	150.453 ng/mL to 0.500 ng/mL
22	Doxazosin	K ₂ EDTA	Human Plasma	50.217 ng/mL to 0.202 ng/mL

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23	Apixaban	K ₂ EDTA	Human Plasma	397.534 ng/mL to 1.003 ng/mL
24	Dapagliflozin	K ₂ EDTA	Human Plasma	351.110 ng/mL to 1.007 ng/mL
25	Amlodipine + Valsartan	K ₂ EDTA	Human Plasma	16072.938 pg/mL to 80.100 pg/mL for Amlodipine 12006.259 ng/mL to 80.098 ng/mL for Valsartan
26	Trelagliptin	K ₂ EDTA	Human Plasma	1502.042 ng/mL to 5.000 ng/mL
27	Naproxen + Esomeprazole	K ₂ EDTA	Human Plasma	149984.028 ng/mL to 1.007 ng/mL for Naproxen, 1502.656 ng/mL to 5.009 ng/mL for Esomeprazole
28	Bilastine	K ₂ EDTA	Human Plasma	701.560 ng/mL to 2.005 ng/mL
29	Rivaroxaban	K ₂ EDTA	Human Plasma	699.841 ng/mL to 2.010 ng/mL
30	Esomeprazole in presence of Omeprazole sulfone	K ₂ EDTA	Human Plasma	4005.794 ng/mL to 5.012 ng/mL
31	Tofacitinib	K ₂ EDTA	Human Plasma	300.242 ng/mL to 1.001 ng/mL
32	Mesalamine	K ₂ EDTA	Human Plasma	1600.038 ng/mL to 1.001 ng/mL
33	Valproic Acid	K ₂ EDTA	Human Plasma	119.985 µg/mL to 0.600 µg/mL
34	Everolimus	K ₂ EDTA	Blood	180.395 ng/mL to 0.601 ng/mL
35	Linagliptin (Metformin)	K ₂ EDTA	Human Plasma	12006.185 pg/mL to 40.038 pg/mL
36	Metformin (Linagliptin)	K ₂ EDTA	Human Plasma	3200.700 ng/mL to 8.016 ng/mL
37	Valsartan + Hydrochlorothiazide	K ₂ EDTA	Human Plasma	15071.428 ng/mL to 50.185 ng/mL for Valsartan 361.251 ng/mL to 1.203 ng/mL for Hydrochlorothiazide
38	Bupropion, Hydroxy Bupropion, Threohydroxy Bupropion, Erythrohydroxy Bupropion (Dextromethorphan)	K ₂ EDTA	Human Plasma	300.558 ng/mL to 1.000 ng/mL for Bupropion 1200.275 ng/mL to 3.992 ng/mL for Hydroxy Bupropion 240.640 ng/mL to 0.799 ng/mL for Threo hydroxy Bupropion 60.169 ng/mL to 0.200 ng/mL for Erythro Hydroxy Bupropion
39	Dextromethorphan (Bupropion, Hydroxy Bupropion, Threohydroxy Bupropion, Erythrohydroxy Bupropion and Dextrophan)	K ₂ EDTA	Human Plasma	15142.539 pg/mL to 50.227 pg/mL
40	Ruxolitinib	K ₂ EDTA	Human Plasma	401.948 ng/mL to 1.000 ng/mL
41	Ranolazine	K ₂ EDTA	Human Plasma	4002.041 ng/mL to 10.014 ng/mL
42	Sunitinib	K ₂ EDTA	Human Plasma	91.832 ng/mL to 0.304 ng/mL

#	Molecule Name	Anti-coagulant	Biological Matrix	Linearity Range
43	Erlotinib	K ₂ EDTA	Human Plasma	4501.998 ng/mL to 15.040 ng/mL
44	Nilotinib	K ₂ EDTA	Human Plasma	3013.645 ng/mL to 10.036 ng/mL
45	Posaconazole	K ₂ EDTA	Human Plasma	1509.093 ng/mL to 3.037 ng/mL
46	Lacosamide	K ₂ EDTA	Human Plasma	14998.397 ng/mL to 50.235 ng/mL
47	Tofacitinib	K ₂ EDTA	Human Plasma	499.680 ng/mL to 1.017 ng/mL
48	Trazodone	K ₂ EDTA	Human Plasma	4506.693 ng/mL to 15.080 ng/mL
49	Nimesulide	K ₂ EDTA	Human Plasma	16006.664 ng/mL to 40.525 ng/mL
50	Diltiazem	K ₂ EDTA	Human Plasma	302.862 ng/mL to 1.026 ng/mL
51	Nicotine	K ₂ EDTA	Human Plasma	49.968 ng/mL to 0.501 ng/mL
52	Umeclidinium in presence of Fluticasone Furoate and Vilanterol	K ₂ EDTA	Human Plasma	299.142 ng/mL to 1.011 ng/mL
53	Tenofovir and Lamivudine in presence of Dolutegravir	K ₂ EDTA	Human Plasma	904.395 ng/mL to 3.020 ng/mL for Tenofovir 4505.226 ng/mL to 15.045 ng/mL for Lamivudine
54	Dolutegravir in presence of Tenofovir and Lamivudine	K ₂ EDTA	Human Plasma	7485.963 ng/mL to 25.371 ng/mL
55	Omeprazole	K ₂ EDTA	Human Plasma	4012.541 ng/mL to 5.043 ng/mL
56	Amlodipine	K ₂ EDTA	Human Plasma	15944.293 pg/mL to 79.978 pg/mL
57	Tadalafil	K ₂ EDTA	Human Plasma	903.875 ng/mL to 3.010 ng/mL
58	Topiramate	K ₂ EDTA	Human Plasma	9059.702 ng/mL to 30.053 ng/mL
59	Methylcobalamin	K ₂ EDTA	Human Plasma	9.995 ng/mL to 0.050 ng/mL
60	Maribavir	K ₂ EDTA	Human Plasma	24128.659 ng/mL to 80.058 ng/mL
61	Mavacamten	K ₂ EDTA	Human Plasma	250.000 ng/ml to 0.500 ng/ml
62	Tucatinib	K ₂ EDTA	Human Plasma	1200.439 ng/mL to 3.010 ng/mL
63	Avatrombopag	K ₂ EDTA	Human Plasma	500.000 ng/ml to 1.000 ng/ml
64	Topiramate	K ₂ EDTA	Human Plasma	2002.932 ng/ml to 5.0001 ng/ml
65	Fludrocortisone	K ₂ EDTA	Human Plasma	600.000 ng/ml to 2.000 ng/ml
66	Nintedanib	K ₂ EDTA	Human Plasma	150.396 ng/mL to 0.200 ng/mL

#	Molecule Name	Anti-coagulant	Biological Matrix	Linearity Range
67	Budesonide	K ₂ EDTA	Human Plasma	2000.00 ng/mL to 5.000 ng/mL
68	Bedaquiline	K ₂ EDTA	Human Plasma	2004.705 ng/mL to 4.008 ng/mL
69	Progesterone	K ₂ EDTA	Postmenopausal Female Human Plasma	25188.041 pg/mL to 25.104 pg/mL
70	Levonorgestryl & ethynyl estradio	K ₂ EDTA	Female Human Plasma	Ethinyl Estradiol: 250 – 1pg/MI Levonorgestryl: 20008 – 80.59 pg/mL
71	Vismodegib	K ₂ EDTA	Human Plasma	451972.132 ng/mL to 1501.497 ng/mL
72	Telmisartan	K2 EDTA	Human Plasma	1801.706 ng/mL to 3.003 ng/mL
73	Telmisartan and Hydrochlorothiazide	K2 EDTA	Human Plasma	1800.084 ng/mL to 3.00 ng/mL for Telmisartan 482.624 ng/mL to 0.804 ng/mL for Hydrochlorothiazide

Methods Under development/validation:

#	Molecule Name	Anti-coagulant	Biological Matrix	Linearity Range
1	Abiraterone	K ₂ EDTA	Human Plasma	200.000 ng/mL to 0.500 ng/mL
2	Dydrogesterone	K ₂ EDTA	Human Plasma	20000.000 pg/mL 80.000 pg/mL
3	Budesonide	K ₂ EDTA	Human Plasma	2000.000 pg/mL 5.000 pg/mL
4	Fludrocortisone	K ₂ EDTA	Human Plasma	2500.000 pg/mL 10.000 pg/mL

LIST OF METHODS – LIGAND BINDING ASSAYS

Molecule Name	Technique	Biological Matrix	Linearity Range
C-Peptide	Sandwich ELISA	Human Serum	6.400 ng/mL to 0.200 ng/mL
Insulin Glargine	Sandwich ELISA	Human Serum	200.000 µIU/mL to 6.250 µIU/mL
Liraglutide	Competitive ELISA	Human K2EDTA Plasma	60.000 ng/mL to 0.900 ng/mL
C-Peptide	Sandwich ELISA	Human Serum	1.000 ng/mL to 5.000 ng/mL
Rituximab	Sandwich ELISA	Human Serum	1.000 µg/mL to 50.000 µg/mL
Insulin Aspart	Sandwich ELISA	Human Serum	5.000 µIU /mL to 200.00 µIU /mL
Rituximab Immunogenicity	Sandwich ELISA	Human Serum	N/A