

#	Molecule Name	Anti-coagulant	Matrix	Linearity Range
1	Abemaciclib	K ₂ EDTA	Human Plasma	404.876 ng/mL to 1.007 ng/mL
2	Abiraterone	K ₂ EDTA	Human Plasma	300.294 ng/mL to 0.503 ng/mL
3	Alogliptin	K ₂ EDTA	Human Plasma	400.321 ng/mL to 1.009 ng/mL
4	Amlodipine	K ₂ EDTA	Human Plasma	15944.293 pg/mL to 79.978 pg/mL
5	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
6	Apixaban	K ₂ EDTA	Human Plasma	397.534 ng/mL to 1.003 ng/mL
7	Avacopan	K ₂ EDTA	Human Plasma	99.769 ng/mL to 0.200 ng/mL
8	Avatrombopag	K ₂ EDTA	Human Plasma	498.633 ng/mL to 1.008 ng/mL
9	Bedaquiline	K ₂ EDTA	Human Plasma	2001.654 ng/mL to 4.019 ng/mL
10	Bilastine	K ₂ EDTA	Human Plasma	701.560 ng/mL to 2.005 ng/mL
11	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
12	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
13	Chlorthalidone	K ₂ EDTA	Human Plasma	1006.958 ng/mL to 4.048 ng/mL
14	Dapagliflozin	K ₂ EDTA	Human Plasma	351.110 ng/mL to 1.007 ng/mL
15	Dasatinib	K ₂ EDTA	Human Plasma	799.412 ng/mL to 0.801 ng/mL
16	Dextromethorphan (Bupropion, Hydroxy Bupropion, Threohydroxy Bupropion, Erythrohydroxy Bupropion and Dextrorphan)	K ₂ EDTA	Human Plasma	15142.539 pg/mL to 50.227 pg/mL
17	Dextromethorphan in-presence Guaifenesin	K ₂ EDTA	Human Plasma	15365.144 pg/ml to 52.252 pg/ml
18	Diclofenac	K ₂ EDTA	Human Plasma	4007.119 ng/mL to 10.049 ng/mL
19	Diltiazem	K ₂ EDTA	Human Plasma	302.862 ng/mL to 1.026 ng/mL
20	Dolutegravir in presence of Tenofovir and Lamivudine	K ₂ EDTA	Human Plasma	7485.963 ng/mL to 25.371 ng/mL
21	Doxazosin	K ₂ EDTA	Human Plasma	50.217 ng/mL to 0.202 ng/mL
22	Edoxaban	K ₂ EDTA	Human Plasma	797.269 ng/mL to 4.000 ng/mL
23	Eltrombopag	K ₂ EDTA	Human Plasma	30485.025 ng/mL to 60.141 ng/mL
24	Erlotinib	K ₂ EDTA	Human Plasma	4501.998 ng/mL to 15.040 ng/mL
25	Esomeprazole	K ₂ EDTA	Human Plasma	3959.848 ng/mL to 5.005 ng/mL

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26	Esomeprazole in presence of Omeprazole sulfone	K ₂ EDTA	Human Plasma	4005.794 ng/mL to 5.012 ng/mL
27	Everolimus	K ₂ EDTA	Blood	180.395 ng/mL to 0.601 ng/mL
28	Fenoprofen	K ₂ EDTA	Human Plasma	40796.749 ng/mL to 100.462 ng/mL
29	Fluvastatin	K ₂ EDTA	Human Plasma	301.218 ng/mL to 0.597 ng/mL
30	Guaifenesin in-presence Dextromethorphan	K ₂ EDTA	Human Plasma	5011.010 ng/mL to 20.449 ng/mL
31	Hydrochlorothiazide in-presence Losartan+ Losartan carboxylic acid	K ₂ EDTA	Human Plasma	403.238 ng/mL to 1.016 ng/mL
32	Lacosamide	K ₂ EDTA	Human Plasma	14998.397 ng/mL to 50.235 ng/mL
33	Linagliptin (Metformin)	K ₂ EDTA	Human Plasma	12006.185 pg/mL to 40.038 pg/mL
34	Losartan in presence of Losartan carboxylic acid	K ₂ EDTA	Human Plasma	2517.553 ng/mL to 5.048 ng/mL
35	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
36	Maribavir	K ₂ EDTA	Human Plasma	24128.659 ng/mL to 80.058 ng/mL
37	Mavacamten	K ₂ EDTA	Human Plasma	241.685 ng/mL to 0.601 ng/mL
38	Mesalamine	K ₂ EDTA	Human Plasma	1600.038 ng/mL to 1.001 ng/mL
39	Metformin (Linagliptin)	K ₂ EDTA	Human Plasma	3200.700 ng/mL to 8.016 ng/mL
40	Metformin and Sitagliptin	K ₂ EDTA	Human Plasma	4014.950 ng/mL to 10.005 ng/mL for Metformin 884.354 ng/mL to 2.204 ng/mL for Sitagliptin
41	Methylcobalamin	K ₂ EDTA	Human Plasma	9.995 ng/mL to 0.050 ng/mL
42	Metoprolol	K ₂ EDTA	Human Plasma	603.563 ng/mL to 1.531 ng/mL
43	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
44	Nebivolol	K ₂ EDTA	Human Plasma	11927.816 pg/mL to 40.085 ng/mL
45	Nicotine	K ₂ EDTA	Human Plasma	49.968 ng/mL to 0.501 ng/mL
46	Nilotinib	K ₂ EDTA	Human Plasma	3013.645 ng/mL to 10.036 ng/mL
47	Nimesulide	K ₂ EDTA	Human Plasma	16006.664 ng/mL to 40.525 ng/mL
48	Nintedanib	K ₂ EDTA	Human Plasma	150.396 ng/mL to 0.200 ng/mL
49	Omeprazole	K ₂ EDTA	Human Plasma	4012.541 ng/mL to 5.043 ng/mL
50	Ondansetron	K ₂ EDTA	Human Plasma	150.453 ng/mL to 0.500 ng/mL
51	Posaconazole	K ₂ EDTA	Human Plasma	1509.093 ng/mL to 3.037 ng/mL
52	Progesterone	K ₂ EDTA	Human Plasma	40.183 ng/mL to 0.100 ng/mL
53	Progesterone	K ₂ EDTA	Human Plasma	25288.181 pg/mL to 25.048 pg/mL
54	Quetiapine	K ₂ EDTA	Human Plasma	1000.398 ng/mL to 2.018 ng/mL
55	Ranolazine	K ₂ EDTA	Human Plasma	4002.041 ng/mL to 10.014 ng/mL

#	Molecule Name	Anti-coagulant	Matrix	Linearity Range
56	Rivaroxaban	K ₂ EDTA	Human Plasma	699.841 ng/mL to 2.010 ng/mL
57	Ruxolitinib	K ₂ EDTA	Human Plasma	401.948 ng/mL to 1.000 ng/mL
58	Sitagliptin	K ₂ EDTA	Human Plasma	1012.032 ng/mL to 2.004 ng/mL
59	Sorafenib	K ₂ EDTA	Human Plasma	9034.313 ng/mL to 30.032 ng/mL
60	Sumatriptan	K ₂ EDTA	Human Plasma	200.880 ng/mL to 0.500 ng/mL
61	Sunitinib	K ₂ EDTA	Human Plasma	91.832 ng/mL to 0.304 ng/mL
62	Tadalafil	K ₂ EDTA	Human Plasma	903.875 ng/mL to 3.010 ng/mL
63	Telmisartan	K ₂ EDTA	Human Plasma	1801.706 ng/mL to 3.003 ng/mL
64	Telmisartan and Hydrochlorothiazide	K ₂ EDTA	Human Plasma	1800.084 ng/mL to 3.003 ng/mL for Telmisartan 482.624 ng/mL to 0.804 ng/mL for Hydrochlorothiazide
65	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
66	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
67	Tofacitinib	K ₂ EDTA	Human Plasma	300.242 ng/mL to 1.001 ng/mL
68	Tofacitinib	K ₂ EDTA	Human Plasma	499.680 ng/mL to 1.017 ng/mL
69	Tolvaptan	K ₂ EDTA	Human Plasma	906.631ng/mL to 2.021 ng/mL
70	Topiramate	K ₂ EDTA	Human Plasma	9059.702 ng/mL to 30.053 ng/mL
71	Topiramate	K ₂ EDTA	Human Plasma	2002.932 ng/ml to 5.0001 ng/ml
72	Trazodone	K ₂ EDTA	Human Plasma	4506.693 ng/mL to 15.080 ng/mL
73	Trelagliptin	K ₂ EDTA	Human Plasma	1502.042 ng/mL to 5.000 ng/mL
74	Tucatinib	K ₂ EDTA	Human Plasma	1200.439 ng/mL to 3.010 ng/mL
75	Umeclidinium in presence of Fluticasone Furoate and Vilanterol	K ₂ EDTA	Human Plasma	299.142 ng/mL to 1.011 ng/mL
76	Valproic Acid	K ₂ EDTA	Human Plasma	119.985 µg/mL to 0.600 µg/mL
77	Valsartan	K ₂ EDTA	Human Plasma	15033.170 ng/mL to 50.068 ng/mL
78	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
79	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
80	Verapamil and Nor verapamil	K ₂ EDTA	Human Plasma	300.184 ng/mL to 1.008 ng/mL for Verapamil 300.149 ng/mL to 1.008 ng/mL for Nor verapamil
81	Vismodegib	K ₂ EDTA	Human Plasma	9007.662 ng/mL to 30.023 ng/mL

Methods under Validation

#	Molecule Name	Anti coagulant	Biological Matrix	Linearity Range
1	Ethinyl Estradiol and Levonorgestrel	K ₂ EDTA	Human Plasma	250.132 pg/mL to 1.007p/mL for Ethinyl Estradiol 20008.729 pg/mL 80.591 pg/mL for Levonorgestrel
2	Ethinyl Estradiol & Norgestrel	K ₂ EDTA	Human Plasma	250.000 pg/mL to 1.000p/mL for Ethinyl Estradiol 20000.000 pg/mL 80.000 pg/mL for Norgestrel
3	Ethinyl Estradiol & Dydrogesterone	K ₂ EDTA	Human Plasma	250.000 pg/mL to 1.000p/mL for Ethinyl Estradiol 10000.000 pg/mL 40.000 pg/mL for Dydrogesterone
4	Estradiol & Estrone	K ₂ EDTA	Human Plasma	200.000 pg/mL to 1.000p/mL for Estradiol 1000.000 pg/mL to 5.000p/mL for Estrone
5	Dydrogesterone	K ₂ EDTA	Human Plasma	20000.000 pg/mL 80.000 pg/mL
6	Budesonide	K ₂ EDTA	Human Plasma	2000.000 pg/mL 5.000 pg/mL
7	Fludrocortisone	K ₂ EDTA	Human Plasma	2500.000 pg/mL 10.000 pg/mL
8	Drospirenone	K ₂ EDTA	Human Plasma	80.000 ng/mL to 0.200 ng/mL
9	Palbociclib	K ₂ EDTA	Human Plasma	250.000 ng/mL to 0.500 ng/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 ug/mL to 50.000 ug/mL
Insulin Aspart	Sandwich ELISA	Human Serum	5.000 µIU /mL to 200.00 µIU /mL
Rituximab Immunogenicity	Sandwich ELISA	Human Serum	N/A