

## LIST OF VALIDATED METHODS

Molecule Name	Anticoagulant	Matrix	CC Concentration	
			Range	Unit
2-pyridyl acetic acid	K <sub>2</sub> EDTA	Plasma	2.4021 to 1502.19120	ng/mL
Abiraterone	K <sub>2</sub> EDTA	Plasma	1.0401 to 500.0090 0.0042-2.0006	ng/mL µg/mL
Acalabrutinib	K <sub>2</sub> EDTA	Plasma	1.0264 to 1590.6872	ng/mL
Acalabrutinib metabolite M27 (ACP-5862)	K <sub>2</sub> EDTA	Plasma	1.0251 to 1581.9807	ng/mL
Acyclovir	K <sub>2</sub> EDTA	Plasma	50.2886 to 10043.5173	ng/mL
Albendazole	K <sub>2</sub> EDTA	Plasma	0.2275 to 44.6542	ng/mL
Albendazole Sulfoxide	K <sub>2</sub> EDTA	Plasma	3.0599 to 600.6091	ng/mL
Alfuzosin	K <sub>2</sub> EDTA	Plasma	0.2503 to 25.0053	ng/mL
Aliskiren	K <sub>2</sub> EDTA	Plasma	2.40 to 1274.19	ng/mL
Allopurinol	K <sub>2</sub> EDTA	Plasma	10.0070 to 2286.3980	ng/mL
Amantadine	K <sub>2</sub> EDTA	Plasma	2.63 to 698.81	ng/mL
Ambroxol	K <sub>2</sub> EDTA	Plasma	1.0029 to 203.5114	ng/mL
Amitriptyline and Nortriptyline (Lower CC range)	K <sub>2</sub> EDTA	Plasma	0.11 to 20.14 0.10 to 19.96	ng/mL ng/mL
Amitriptyline and Nortriptyline (Higher CC range)	K <sub>2</sub> EDTA	Plasma	0.50 to 201.84 0.10 to 41.12	ng/mL ng/mL
Amlodipin and Telmisartan	K <sub>2</sub> EDTA	Plasma	0.09 to 18.07 & 5.05 to 1012.24	ng/mL
Amodiaquine	K <sub>3</sub> EDTA	Plasma	0.202 to 79.978	ng/mL
Amoxicillin	K <sub>3</sub> EDTA	Plasma	0.15 to 14.96	µg/mL
Amoxicillin	K <sub>2</sub> EDTA	Plasma	50.0382-15011.5385	ng/mL
Anastrozole	K <sub>3</sub> EDTA	Plasma	0.23 to 42.26	ng/mL
Aprelimast	K <sub>2</sub> EDTA	Plasma	2.0301 to 808.5569	ng/mL
Aprepitant	K <sub>2</sub> EDTA	Plasma	5.0652 to 5016.1281	ng/mL
Aripiprazole	K <sub>2</sub> EDTA	Plasma	0.2519 to 100.9393	ng/mL
Artemether	K <sub>3</sub> EDTA	Plasma	1.74 to 250.00	ng/mL
Asenapine & N-Desmethyl Asenapine	K <sub>2</sub> EDTA	Plasma	0.10 to 35.31 to 0.10 to 34.47	ng/mL
Aspirin & Salicylic Acid	K <sub>2</sub> EDTA & NaF	Plasma	21.10 to 4028.40 105.50 to 20091.60	ng/mL
Ashwagandha	K <sub>2</sub> EDTA	Plasma	12-DEOX (0.1556-20.7662), WITH-FER-A (0.1540-20.5573), WITH-A (0.1573-20.9999), WITH-IV(0.1560-20.8311)	ng/mL
Atomoxetine Hydrochloride	K <sub>3</sub> EDTA	Plasma	1.01 to 503.58	ng/mL
Atorvastatin	K <sub>3</sub> EDTA	Plasma	3.13 to 1106.21	ng/mL
Atorvastatin Ortho hydroxy Atorvastatin Para hydroxy Atorvastatin	K <sub>2</sub> EDTA	Plasma	1.3931 to 502.6337 1.1247 to 405.7933 0.1301 to 46.9321	ng/mL
Atovaquone	K <sub>3</sub> EDTA	Plasma	100.73 to 45016.6060	ng/mL

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Azithromycin (Higher CC range)	K <sub>3</sub> EDTA	Plasma	5.08 to 1653.88	ng/mL
Azithromycin (Lower CC range)	K <sub>3</sub> EDTA	Plasma	4.02 to 1647.24	ng/mL
Baclofen (R & S Isomers)	K <sub>3</sub> EDTA	Plasma	0.50 to 306.99 0.50 to 306.51	ng/mL
Balsalazide & Mesalamine	K <sub>2</sub> EDTA	Plasma	1.05 to 1011.14 1.21 to 1163.06	ng/mL
Bedaquiline	K <sub>2</sub> EDTA	Plasma	52.6749 to 5258.8581	ng/mL
Benazepril	K <sub>3</sub> EDTA	Plasma	5.29 to 1270.24	ng/mL
Bendroflumethiazide	K <sub>2</sub> EDTA	Plasma	0.50 to 241.84	ng/mL
Beta hydroxy simvastatin acid	K <sub>2</sub> EDTA	Plasma	0.1488 to 80.7502	ng/mL
Bexarotene	K <sub>2</sub> EDTA	Plasma	1.04 to 351.93	ng/mL
Bicalutamide	K <sub>2</sub> EDTA	Plasma	10.0580 to 3017.3472	ng/mL
Bismuth	K <sub>2</sub> EDTA	Plasma	0.69 to 101.88	ng/mL
Bisoprolol & Hydrochlorothiazide	K <sub>3</sub> EDTA	Plasma	0.44 to 74.26 & 0.49 to 159.36	ng/mL
Bosentan	K <sub>2</sub> EDTA	Plasma	10.06 to 5004.55	ng/mL
Brexpiprazole	K <sub>2</sub> EDTA	Plasma	0.1079 to 51.6406	ng/mL
Budesonide	K <sub>2</sub> EDTA	Plasma	0.1001 to 8.4912	ng/mL
Bumetanide	K <sub>3</sub> EDTA	Plasma	0.31 to 99.05	ng/mL
Bupropion and its metabolites HydroxyBupropion , Erythro Bupropion & ThreoBupropion	K <sub>2</sub> EDTA	Plasma	1.06 to 593.62 3.17 to 1768.77 1.08 to 600.80 1.06 to 591.43	ng/mL
Cabozantinib	K <sub>2</sub> EDTA	Plasma	6.9022 to 2224.9835	ng/mL
Caffeine	K <sub>2</sub> EDTA	Plasma	100.1230-6127.2450	ng/ml
Calcium dobesilate	K <sub>2</sub> EDTA	Plasma	0.8064 to 32.6973	µg/mL
Canagliflozin	K <sub>2</sub> EDTA	Plasma	5.0580 to 5012.5945	ng/mL
Candesartan	K <sub>2</sub> EDTA	Plasma	2.93 to 200.18	ng/mL
Capsaicin	K <sub>2</sub> EDTA	Plasma	0.0452-10.0851	ng/mL
Carbidopa + Levodopa	K <sub>3</sub> EDTA	Plasma	1.0500 to 250.7590 10.0470 to 8035.0980	ng/mL
Carbocisteine	K <sub>2</sub> EDTA	Plasma	52.24 to 7076.31	ng/mL
Carvedilol	K <sub>3</sub> EDTA	Plasma	0.51 to 302.75	ng/mL
Cefpodoxime acid (Higher CC range)	K <sub>2</sub> EDTA	Plasma	24.87 to 9886.24	ng/mL
Cefpodoxime acid (Lower CC range)	K <sub>2</sub> EDTA	Plasma	3.95 to 4009.83	ng/mL
Cefuroxime acid (Higher CC range)	K <sub>3</sub> EDTA	Plasma	0.10 to 14.07	µg/mL
Cefuroxime acid (Lower CC range)	K <sub>3</sub> EDTA	Plasma	0.07 to 7.39	µg/mL
Celecoxib	K <sub>2</sub> EDTA	Plasma	5.97 to 2064.18	ng/mL
Cetirizine	K <sub>2</sub> EDTA	Plasma	2.05 to 1200.58	ng/mL

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Cefprozil	K <sub>2</sub> EDTA	Plasma	0.2802-16.0518	µg/mL
Chlorthalidone	K <sub>2</sub> EDTA	Plasma	20.73 to 10030.75	ng/mL
Ciprofloxacin	K <sub>2</sub> EDTA	Plasma	10.68 to 5043.02	ng/mL
Ciprofloxacin	K <sub>2</sub> EDTA	Plasma	0.0382-15.0547	µg/mL
Clarithromycin	K <sub>2</sub> EDTA	Plasma	52.2854-10003.9363	ng/mL
Clarithromycin	K <sub>3</sub> EDTA	Plasma	20.65 to 5259.35	ng/mL
Clavulanic Acid	K <sub>3</sub> EDTA	Plasma	0.05 to 2.00	µg/mL
Clindamycin	K <sub>2</sub> EDTA	Plasma	0.015 to 8.03	µg/mL
Clindamycin	K <sub>2</sub> EDTA	Plasma	50.0619-8531.1231	ng/mL
Clonazepam	K <sub>2</sub> EDTA	Plasma	0.11 to 35.04	ng/mL
Clopidogrel	K <sub>2</sub> EDTA	Plasma	50.77 to 9980.21	pg/mL
Co-enzyme Q10	K <sub>2</sub> EDTA	Plasma	23.4580 to 8006.8480	ng/mL
Crizotinib	K <sub>2</sub> EDTA	Plasma	2.0211 to 302.6667	ng/mL
Crizotinib	K <sub>2</sub> EDTA	Plasma	2.0470-306.5444	ng/mL
Curcumin and its metabolites Free Curcumin Demethoxy Curcumin Bisemethoxy Curcumin Total Curcumin	K <sub>2</sub> EDTA	Plasma	0.3501 to 500.1401 5.3660 to 1065.1840 5.2340 to 1038.8780 0.4480 to 71.8820	ng/ml
Cyproterone Acetate	K <sub>2</sub> EDTA	Plasma	0.306 to 103.488	ng/ml
Dabigatran (total)	K <sub>2</sub> EDTA	Plasma	1.0914 to 399.8400	ng/mL
Dapagliflozin	K <sub>2</sub> EDTA	Plasma	2.0313 to 301.1517	ng/mL
Dapagliflozin	K <sub>3</sub> EDTA	Plasma	2.0361 to 300.6397	ng/mL
Darunavir and Ritonavir	K <sub>2</sub> EDTA	Plasma	25.39 to 20071.97 03.12 to 2471.28	ng/mL
Deferasirox (Higher CC Range)	K <sub>2</sub> EDTA	Plasma	0.30 to 130.45	µg/mL
Deferasirox (Lower CC Range)	K <sub>2</sub> EDTA	Plasma	0.10 to 35.66	µg/mL
Desloratidine	K <sub>2</sub> EDTA	Plasma	0.0768 to 25.4515	ng/mL
Desvenlafaxine	K <sub>2</sub> EDTA	Plasma	5.0800 to 804.2960	ng/mL
Dexibuprofen	K <sub>2</sub> EDTA	Plasma	297.04 to 113169.55	ng/mL
Diclofenac (Higher CC Range)	K <sub>3</sub> EDTA	Plasma	5.87 to 7441.53	ng/mL
Diclofenac (Lower CC Range)	K <sub>3</sub> EDTA	Plasma	1.50 to 2246.06	ng/mL
Dicloxacillin	K <sub>2</sub> EDTA	Plasma	0.15 to 70.00	µg/mL
Dienogest	K <sub>2</sub> EDTA	Plasma	1.06-267.29	ng/mL
Diflunisal	K <sub>3</sub> EDTA	Plasma	0.13 to 55.60	µg/mL
Diphenhydramine	K <sub>2</sub> EDTA	Plasma	1.8368-477.7230	ng/mL
Disulfiram	K <sub>2</sub> EDTA	Plasma	0.2140-200.4750	ng/mL
Disulfiram metabolite	K <sub>2</sub> EDTA	Plasma	0.0250-2.5003	µg/mL

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Disulfiram Metabolite (S-Methyl N, N-Diethylthiocarbamate)	K <sub>2</sub> EDTA	Plasma	0.25 to 251.76	ng/mL
Donepezil	K <sub>2</sub> EDTA	Plasma	0.25 to 259.37	ng/mL
Doxorubicin	K <sub>2</sub> EDTA	Plasma	20.878 to 5007.922	ng/mL
Doxycycline	K <sub>2</sub> EDTA	Plasma	0.03 to 10.00	µg/ml
Dydrogesterone	K <sub>2</sub> EDTA	Plasma	50.0000- 18012.0000	pg/mL
Dronedarone N-Desbutyl Dronedarone	K <sub>2</sub> EDTA	Plasma	1.4059 to 702.9789 1.4144 to 707.2168	ng/mL
Dronedarone N-Desbutyl Dronedarone	K <sub>2</sub> EDTA	Plasma	1.3389 - 671.1210 1.3403-671.8371	ng/mL
Drospirenone	K <sub>2</sub> EDTA	Plasma	0.20 to 218.33	ng/mL
Drotaverine Hydrochloride	K <sub>3</sub> EDTA	Plasma	1.11 to 664.34	ng/mL
Duloxetine	K <sub>2</sub> EDTA	Plasma	0.45 to 302.31	ng/mL
Edaravone	K <sub>2</sub> EDTA	Plasma	40.1371-4031.1421	ng/mL
Efavirenz	K <sub>3</sub> EDTA	Plasma	21.18 to 8169.60	ng/mL
Eletriptan	K <sub>3</sub> EDTA	Plasma	0.28 to 252.00	ng/mL
Empagliflozin	K <sub>2</sub> EDTA	Plasma	2.1610 to 2007.8662	ng/mL
Empagliflozin	K <sub>2</sub> EDTA	Plasma	4.0339 to 1511.6472	ng/mL
Empagliflozin	K <sub>2</sub> EDTA	Plasma	2.1737 to 1995.3743	ng/mL
Emtricitabine & Efavirenz	K <sub>3</sub> EDTA	Plasma	22.57 to 4275.37 & 100.18 to 10018.84	ng/mL
Emtricitabine & Lamivudine	K <sub>3</sub> EDTA	Plasma	11.19 to 395.84 & 10.96 to 3983.95	ng/mL
Enalapril	K <sub>2</sub> EDTA	Plasma	2.0631 to 316.8014	ng/mL
Enalaprilat	K <sub>2</sub> EDTA	Plasma	2.0718 to 318.1303	ng/mL
Entacapone	K <sub>3</sub> EDTA	Plasma	10.02 to 3608.04	ng/mL
Esomeprazole	K <sub>3</sub> EDTA	Plasma	5.01 to 4001.14	ng/mL
Eterncept	N/AP	Serum	0.78-50.00	ng/mL
Ethambutol	K <sub>2</sub> EDTA	Plasma	10.2861 to 2005.0929	ng/mL
Ethinyl Estradiol	K <sub>2</sub> EDTA	Plasma	3.1160 to 469.4080	pg/mL
Ethyl Docosahexanoate and Ethyl Eicosapentanoate (Lower CC)	K <sub>2</sub> EDTA	Plasma	1.00 to 1521.26 & 1.09 to 3020.57	ng/mL
Ethyl Docosahexanoate and Ethyl Eicosapentanoate (Higher CC)	K <sub>2</sub> EDTA	Plasma	4.06 to 3283.69 & 4.01 to 3244.86	ng/mL
Etodolac	K <sub>2</sub> EDTA	Plasma	0.20 to 75.45	µg/ml
Etoricoxib	K <sub>2</sub> EDTA	Plasma	30.0068-6503.0535	ng/mL
Everolimus	K <sub>2</sub> EDTA	Plasma	0.5007-210.5296	ng/mL
Everolimus	K <sub>2</sub> EDTA	Plasma	0.5001 to 40.8052	ng/mL
Exemestane	K <sub>2</sub> EDTA	Plasma	0.20 to 100.61	ng/mL

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Molecule Name	Anticoagulant	Matrix	CC Concentration	
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Ezetimibe	K <sub>2</sub> EDTA	Plasma	41.0880-17511.8100	pg/mL
Ezetimibe Simvastatin	K <sub>2</sub> EDTA	Plasma	0.2 to 80.0 for Simvastatin , 0.1 to 60.0 for Simvastatin Acid and 0.05 to 15.0 for Ezetimibe	ng/mL
Ezetimibe Total (Ezetimibe + Ezetimibe Glucuronide)	F K <sub>2</sub> EDTA	Plasma	0.5360-503.5594	ng/mL
Famotidine	K <sub>3</sub> EDTA	Plasma	2.05 to 351.33	ng/mL
Febuxostat	K <sub>2</sub> EDTA	Plasma	25.2534 to 12123.5076	ng/mL
Felodipine	K <sub>2</sub> EDTA	Plasma	0.15 to 31.25	ng/mL
Fenofibric acid	K <sub>3</sub> EDTA	Plasma	57.13 to 16327.95 52.17 to 15016.56	ng/mL
Fexofenadine	K <sub>3</sub> EDTA	Plasma	5.02 to 1500.51	ng/mL
Fingolimod	K <sub>2</sub> EDTA	Whole Blood	0.0250 – 4.0000	ng/mL
Fluoxetine	K <sub>2</sub> EDTA	Plasma	0.20 to 144.15	ng/mL
Flupirtine & Acetylated Flupirtine	K <sub>2</sub> EDTA	Plasma	10.8660 to 3003.5880 & 5.2120 to 1440.8480	ng/mL
Gabapentin	K <sub>2</sub> EDTA	Plasma	134.32 to 19767.34	ng/mL
Galantamine	K <sub>2</sub> EDTA	Plasma	0.9491-252.9037	ng/mL
Gefitinib	K <sub>2</sub> EDTA	Plasma	1.8870 to 324.8926	ng/mL
Gliclazide	K <sub>2</sub> EDTA	Plasma	10.01 to 8026.11	ng/mL
Gliclazide	K <sub>2</sub> EDTA	Plasma	50.0338 to 10004.5151	ng/mL
Glipizide	K <sub>2</sub> EDTA	Plasma	10.0780 to 2523.5740	ng/mL
Glyburide	K <sub>2</sub> EDTA	Plasma	0.85 to 216.43	ng/mL
Gold	K <sub>2</sub> EDTA	Plasma	5.11 to 1018.98	ng/mL
Guaifenesin	K <sub>3</sub> EDTA K <sub>2</sub> EDTA	Plasma	1.07 to 522.28 44.5000 to 6534.5113	ng/mL
Hydrochlorothiazide (Higher CC range)	K <sub>3</sub> EDTA	Plasma	2.01 to 352.58	ng/mL
Hydrochlorothiazide (Lower CC range)	K <sub>3</sub> EDTA	Plasma	0.25 to 80.40	ng/mL
Hydrochlorthiazide	K <sub>2</sub> EDTA	Plasma	2.1776-410.1141	ng/mL
Hydrocortisone	K <sub>2</sub> EDTA	Plasma	3.99 to 1018.38	ng/mL
Hydroxyzine	K <sub>2</sub> EDTA	Plasma	0.31 to 156.90	ng/mL
Ibuprofen	K <sub>2</sub> EDTA	Plasma	299.65 to 118233.91	ng/mL
Imatinib	K <sub>2</sub> EDTA	Plasma	5.1524 to 5032.8420	ng/mL
Imipramine	K <sub>3</sub> EDTA	Plasma	0.25 to 95.27	ng/mL
Indapamide (Higher CC range)	K <sub>3</sub> EDTA	Blood	0.33 to 42.29	ng/mL

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Indapamide (Lower CC range)	K <sub>3</sub> EDTA	Blood	1.57 to 750.92	ng/mL
Irbesartan	K <sub>2</sub> EDTA	Plasma	45.82 to 10052.54	ng/mL
Irbesartan	K <sub>2</sub> EDTA	Plasma	59.7561 - 10959.7226	ng/mL
Irbesartan Hydrochlorothiazide	K <sub>2</sub> EDTA	Plasma	59.7561 to 10959.7226 2.2106 to 405.4472	ng/mL
Isoniazid	K <sub>2</sub> EDTA	Plasma	0.1009-19.8933	µg/mL
Isotretinoin	K <sub>2</sub> EDTA	Plasma	10.4888-1995.0194	ng/mL
Itraconazole	K <sub>2</sub> EDTA	Plasma	10.002 to 500.0062	ng/mL
Ivermectin (Higher CC range)	K <sub>2</sub> EDTA	Plasma	0.69 to 149.10	ng/mL
Ivermectin (Lower CC range)	K <sub>2</sub> EDTA	Plasma	0.20 to 50.76	ng/mL
Keto boswellic acid & acetyl keto boswellic acid	K <sub>2</sub> EDTA	Plasma	51.7604 to 5019.1950	ng/mL
Ketorolac tromethamine	K <sub>3</sub> EDTA	Blood	10.95 to 2095.61	ng/mL
Labetalol	K <sub>3</sub> EDTA	Plasma	3.3720 to 701.3040	ng/mL
Lamivudine and Abacavir	K <sub>2</sub> EDTA	Plasma	22.26 to 7603.95 & 48.21 to 16468.29	ng/mL
Lamivudine and Nevirapine	K <sub>3</sub> EDTA	Plasma	19.72 to 2939.60& 40.06 to 5971.79	ng/mL
Lamotrigine	K <sub>2</sub> EDTA	Plasma	9.46 to 4474.06	ng/mL
Lansoprazole	K <sub>3</sub> EDTA	Plasma	4.12 to 2239.00	ng/mL
Lapatinib	K <sub>2</sub> EDTA	Plasma	5.3403-2026.2760	ng/mL
Lenvatinib	K <sub>2</sub> EDTA	Plasma	0.9398-507.1168	ng/mL
Letrozole	K <sub>3</sub> EDTA	Plasma	0.92 to 367.03	ng/mL
Levetiracetam	K <sub>3</sub> EDTA	Plasma	144.47 to 25944.45	ng/mL
Levodopa and Benzeraside	K <sub>2</sub> EDTA	Plasma	50.00 to 6000.01	ng/mL
Levofloxacin	K <sub>3</sub> EDTA	Plasma	144.41 to 30040.31	ng/mL
Levonorgestrel	K <sub>2</sub> EDTA	Plasma	100.6460 to 15164.9600	ng/mL
Levonorgestrel	K <sub>2</sub> EDTA	Plasma	305.2040-15179.5240	ng/mL
Levothyroxin	N/Ap	Serum	20.2713 to 249.5968	ng/mL
Linagliptin	K <sub>2</sub> EDTA	Plasma	0.1052-12.0218	ng/mL
Lisinopril	K <sub>2</sub> EDTA	Plasma	1.09 to 498.68	ng/mL
Lithium	K <sub>2</sub> EDTA	Plasma	58.67to 6022.51	ng/mL
Loratadine & Desloratadine	K <sub>2</sub> EDTA	Plasma	0.0766 to 25.3695 0.0768 to 25.4515	ng/mL
Loratidine	K <sub>2</sub> EDTA	Plasma	0.0766 to 25.3695	ng/mL
Losartan	K <sub>2</sub> EDTA	Plasma	10.92 to 2019.88	ng/mL

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Lumefantrine	K <sub>3</sub> EDTA	Plasma	0.21 to 24.09	µg/mL
Lurasidone	K <sub>2</sub> EDTA	Plasma	0.30 to 300.22	ng/mL
Lurasidone & its metabolite	K <sub>3</sub> EDTA	Plasma	1.00 to 140.60 & 0.10 to 30.37	ng/mL
Mefenamic Acid	K <sub>3</sub> EDTA	Plasma	81.94 to 10246.69	ng/mL
Melatonin	K <sub>2</sub> EDTA	Plasma	201.3000 to 200629.9000	pg/mL
Meloxicam	K <sub>2</sub> EDTA	Plasma	10.09 to 3002.96	ng/mL
Memantine	K <sub>3</sub> EDTA	Plasma	0.5294 to 100.1269	ng/mL
Memantine Hcl	K <sub>3</sub> EDTA	Plasma	0.26 to 246.23	ng/mL
Mesalamine	K <sub>2</sub> EDTA	Plasma	3.1787 to 5170.6120	ng/mL
Metaxalone	K <sub>2</sub> EDTA	Plasma	25.006 to 5991.428	ng/mL
Metformin	K <sub>3</sub> EDTA	Plasma	5.2844-2507.6475	ng/mL
Methimazole	K <sub>2</sub> EDTA	Plasma	2.0820 to 1001.6260	ng/mL
Metoclopramide	K <sub>2</sub> EDTA	Plasma	0.53 to 201.07	ng/mL
Metoprolol	K <sub>2</sub> EDTA	Plasma	0.61 to 793.65	ng/mL
Metronidazole	K <sub>2</sub> EDTA	Plasma	0.11 to 40.68	ng/mL
Metronidazole & Tetracycline	K <sub>2</sub> EDTA	Plasma	103.73 to 40089.57 10.33 to 3994.51	ng/mL
Midostaurin	K <sub>2</sub> EDTA	Plasma	7.3023 to 7260.0236	ng/mL
Mirabegron	K <sub>2</sub> EDTA	Plasma	0.12 to 60.02	ng/mL
Mirtazapine	K <sub>3</sub> EDTA	Plasma	0.56 to 194.15	ng/mL
Montelukast	K <sub>3</sub> EDTA	Plasma	2.3299-603.4087	ng/mL
Mycophenolate Mofetil	K <sub>2</sub> EDTA	Plasma	0.1501 to 54.2363	ng/ml
Mycophenolic acid	K <sub>2</sub> EDTA	Plasma	101.9284 to 36836.996	ng/ml
Naltrexone	K <sub>2</sub> EDTA	Rabbit Plasma	0.28 to 97.95	ng/ml
Naproxen	K <sub>2</sub> EDTA	Plasma	771.51 to 74841.21	ng/ml
Nebivolol	K <sub>2</sub> EDTA	Plasma	50.5560 to 10112.5120	pg/mL
Nebivolol & Hydrochlorothiazide	K <sub>2</sub> EDTA	Plasma	0.2 to 5 & 1.95 to 362.3	ng/ml
Nefopam	K <sub>2</sub> EDTA	Plasma	0.4080 to 100.5680	ng/ml
Nevirapine	K <sub>3</sub> EDTA	Plasma	24.56 to 5211.81	ng/ml
Niacin and Nicotinic acid	K <sub>2</sub> EDTA	Plasma	19.2140 to 4529.2500 & 19.6780 to 6187.7900	ng/ml
Nifedipine	K <sub>3</sub> EDTA	Plasma	0.58 to 139.92	ng/mL
Nifedipine	K <sub>2</sub> EDTA	Plasma	0.5034-201.5860	ng/mL
Nilotinib	K <sub>2</sub> EDTA	Plasma	2.4020 to 4700.0010	ng/mL

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## LIST OF VALIDATED METHODS

Molecule Name	Anticoagulant	Matrix	CC Concentration	
			Range	Unit
Nisoldipine	K <sub>2</sub> EDTA	Plasma	51.14 to 15336.21	pg/mL
Nitrofurantoin	K <sub>2</sub> EDTA	Plasma	5.022 to 2865.166	ng/mL
Nizatadine	K <sub>2</sub> EDTA	Plasma	0.02 to 8.03	µg/ml
Norethindrone	K <sub>2</sub> EDTA	Plasma	0.16 to 34.81	ng/mL
Olanzapine	K <sub>2</sub> EDTA	Plasma	0.30 to 31.90	ng/mL
Olanzapine & Fluoxetine	K <sub>2</sub> EDTA	Plasma	0.30 to 32.21 0.20 to 146.14	ng/mL
Olmesartan	K <sub>2</sub> EDTA	Plasma	30.0312-3500.1170	ng/mL
Olmesartan Medoxomil and Hydrochlorothiazide	K <sub>2</sub> EDTA	Plasma	30.0 to 3500.00 & 1.95 to 362.3	ng/mL
Olmesartan Medoxomil and Amlodipinebesylate	K <sub>2</sub> EDTA	Plasma	30.0 to 3500.00 & 0.078 to 15.00	ng/mL
Omeprazole	K <sub>2</sub> EDTA	Plasma	5.07 to 2504.83	ng/mL
Orlistat	Faecal and Food fat	VAN DE KAMER TITRATION METHOD		
Orphanedrine	K <sub>2</sub> EDTA	Plasma	2.03 to 1508.03	ng/mL
Oseltamivir & Oseltamivir carboxylic acid	K <sub>2</sub> EDTA	Plasma	0.6458 to 206.9 3.2040- 1026.5130 023	ng/mL
Osimertinib	K <sub>2</sub> EDTA	Plasma	1.7363 to 504.1398	ng/mL
Oxcarbazepine& 10-hydroxy oxcarbazepine (Higher CC Range)	K <sub>2</sub> EDTA	Plasma	30.87 to 15169.57 51.08 to 25105.43	ng/mL
Oxcarbazepine& 10-hydroxy oxcarbazepine (Lower CC Range)	K <sub>2</sub> EDTA	Plasma	10.24 to 5045.35 & 50.83 to 25048.84	ng/mL
Oxybutynin & N-Desethyl Oxybutynin	K <sub>3</sub> EDTA	Plasma	0.09 to 19.64 & 0.36 to 73.45	ng/mL
Palbociclib	K <sub>2</sub> EDTA	Plasma	1.0792 to 208.0881	ng/mL
Paliperidone	K <sub>2</sub> EDTA	Plasma	0.2000 to 100.456	ng/mL
Pantoprazole	K <sub>2</sub> EDTA	Plasma	25.022 to 5992.264	ng/mL
Paracetamol	K <sub>3</sub> EDTA	Plasma	74.19 to 57691.77	ng/mL
Paracetamol	K <sub>2</sub> EDTA	Plasma	0.0850-20.0407	ng/mL
Paracetamol	K <sub>2</sub> EDTA	Plasma	48.6880 to 15682.2720	ng/mL
Paroxetine	K <sub>2</sub> EDTA	Plasma	0.1028-40.9431	ng/mL
Perindopril	K <sub>3</sub> EDTA	Plasma	0.30 to 80.86	ng/mL
Phenoxybenzamine	K <sub>2</sub> EDTA	Plasma	0.0253 to 32.10	ng/mL
Pioglitazone & Hydroxy Pioglitazone	K <sub>3</sub> EDTA	Plasma	6.23 to 3004.04 & 3.12 to 1502.91	ng/mL
Piroxicam	K <sub>2</sub> EDTA	Plasma	58.12 to 6117.70	ng/mL
Pomalidomide	K <sub>2</sub> EDTA	Plasma	2.0453-200.5198	ng/mL

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## LIST OF VALIDATED METHODS

Molecule Name	Anticoagulant	Matrix	CC Concentration	
			Range	Unit
Posaconazole	K <sub>2</sub> EDTA	Plasma	2.0033-2046.4756	ng/mL
Pramipexole	K <sub>2</sub> EDTA	Plasma	20.24 to 3932.44	pg/mL
Pravastatin	K <sub>2</sub> EDTA	Plasma	1.87 to 1205.56	ng/mL
Praziquantel	K <sub>2</sub> EDTA	Plasma	8.7869 to 1499.6358	ng/mL
Prazosin	K <sub>2</sub> EDTA	Plasma	0.1615 to 65.9116	ng/mL
Prednisone & Prednisolone	K <sub>2</sub> EDTA	Plasma	0.50 to 108.12 / 4.95 to 1057.59	ng/mL
Pregabalin	K <sub>2</sub> EDTA	Plasma	52.76 to 15182.19	ng/mL
Primaquine	K <sub>2</sub> EDTA	Plasma	0.5040 to 249.5420	µg/mL
Progesterone	K <sub>2</sub> EDTA	Plasma	0.40 to 122.52	ng/mL
Propafenone & 5 HydroxyPropafenone	K <sub>2</sub> EDTA	Plasma	2.71 to 944.35 & 1.83 to 636.35	ng/mL
Propatyl Nitrate	K <sub>2</sub> EDTA	Plasma	0.10 to 30.00	ng/mL
Pyrazinamide	K <sub>2</sub> EDTA	Plasma	0.451-25.0666	ng/mL
Pyridyl Acetic acid (Betahistine metabolite)	K <sub>2</sub> EDTA	Plasma	3.04 to 2001.19	ng/mL
Pyrimethamine	K <sub>3</sub> EDTA	Plasma	0.0624 to 5.2832	µg/mL
Quetiapine	K <sub>2</sub> EDTA	Plasma	1.84 to 2831.80	ng/mL
Rabeprazole	K <sub>2</sub> EDTA	Plasma	10.3077-4062.5867	ng/mL
Ramipril	Na Heparin	Plasma	0.30 to 30.15	ng/mL
Ramiprilat	Na Heparin	Plasma	0.49 to 230.21	ng/mL
Ranitidine	K <sub>2</sub> EDTA	Plasma	9.88 to 3934.50	ng/mL
Ranolazine	K <sub>2</sub> EDTA	Plasma	10.0080 to 6031.8820	ng/mL
Repaglinide	K <sub>2</sub> EDTA	Plasma	0.2040 to 139.9255	ng/mL
Ribociclib	K <sub>2</sub> EDTA	Plasma	12.0542-6009.6029	ng/mL
Rifabutin	K <sub>3</sub> EDTA	Plasma	3.40 to 695.45	ng/ml
Rifampicin	K <sub>2</sub> EDTA	Plasma	0.2368-17.9055	µg/mL
Rifampicin	K <sub>3</sub> EDTA	Plasma	0.1010 to 19.9109	µg/mL
Rifampin	K <sub>3</sub> EDTA	Plasma	0.20 to 26.77	µg/ml
Riluzole	K <sub>2</sub> EDTA	Plasma	2.47 to 552.70	ng/mL
Ritonavir	K <sub>2</sub> EDTA	Plasma	1.00 to 1500	ng/mL
Rosuvastatin	K <sub>2</sub> EDTA	Plasma	0.2187 to 102.5451	ng/mL
Rosuvastatin	K <sub>2</sub> EDTA	Plasma	0.3282 to 110.3808	ng/mL
Rosuvastatin (Higher CC range)	K <sub>2</sub> EDTA	Plasma	0.20 to 201.35	ng/mL
Rosuvastatin (Lower CC range)	K <sub>2</sub> EDTA	Plasma	0.08 to 50.43	ng/mL

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## LIST OF VALIDATED METHODS

Molecule Name	Anticoagulant	Matrix	CC Concentration	
			Range	Unit
Sacubitril & Valsartan	K <sub>2</sub> EDTA	Plasma	25.6590 to 10435.8160	ng/mL
Salbutamol (Albuterol)	K <sub>3</sub> EDTA	Plasma	0.1080 to 24.9780	ng/mL
Saxagliptin	K <sub>3</sub> EDTA	Plasma	1.1677 to 102.6666	ng/mL
Sertraline	K <sub>2</sub> EDTA	Plasma	1.0080 to 100.8720	ng/ml
Sildenafil & N-desmethyl sildenafil	K <sub>2</sub> EDTA	Plasma	1.0552 to 1495.8512	ng/mL
Sildenafil & N-desmethyl sildenafil	K <sub>2</sub> EDTA	Plasma	0.3562 to 504.9495	ng/mL
Sildenafil and N-Desmethyl	K <sub>2</sub> EDTA	Plasma	1.0552 to 1495.8512 0.3562 to 504.9495	ng/mL
Silodosin	K <sub>2</sub> EDTA	Plasma	0.3967 to 166.6886	ng/mL
Silodosin Gulcuronide	K <sub>2</sub> EDTA	Plasma	0.6711-101.4476	ng/mL
Simvastatin	K <sub>2</sub> EDTA	Plasma	0.1480-79.6509	ng/ml
Simvastatin Acid	K <sub>2</sub> EDTA	Plasma	0.1488-80.7502	ng/ml
Sitafloxacin	K <sub>2</sub> EDTA	Plasma	16.0809-5194.1162	ng/mL
Sodium phenyl butyrate	K <sub>2</sub> EDTA	Plasma	0.8968 to 636.7057	µg/ml
Sofosbuvir	K <sub>3</sub> EDTA	Plasma	5.0536 to 3075.4824	ng/mL
Sofosbuvir metabolite gs—331007	K <sub>3</sub> EDTA	Plasma	5.0446 to 3070.0156	ng/mL
Sorafenib Tosylate	K <sub>2</sub> EDTA	Plasma	16.2141 to 7420.2037 0.0162-7.4027	ng/mL µg/mL
Stavudine	K <sub>3</sub> EDTA	Plasma	10.87 to 1620.29	ng/mL
Strontium	K <sub>2</sub> EDTA	Plasma	562.50 to 50000	ng/mL
Sulfadoxine	K <sub>3</sub> EDTA	Plasma	10.0710 to 486.3365	µg/ml
Sulfapyridine	K <sub>2</sub> EDTA	Plasma	2.1725 to 2024.3503	ng/mL
Sulfasalazine	K <sub>2</sub> EDTA	Plasma	10.5211 to 5044.74	ng/mL
Tacrolimus	K <sub>3</sub> EDTA	Whole Blood	0.5060 to 101.3440	ng/mL
Tadalafil	K <sub>2</sub> EDTA	Plasma	4.5801 to 2079.5211	ng/mL
Tamsulosin	K <sub>3</sub> EDTA	Plasma	0.12 to 37.49 & 0.11 to 39.47	ng/mL
Telmisartan	K <sub>2</sub> EDTA	Plasma	6.3271-3141.6366	ng/mL
Telmisartan	K <sub>3</sub> EDTA	Plasma	2.17 to 1004.89	ng/mL
Temozolomide	Na Heparin	Plasma	101.51 to 25176.80	ng/mL
Tenofovir	K <sub>3</sub> EDTA	Serum	10.38 to 1080.39	ng/mL
Teriflunomide	K <sub>2</sub> EDTA	Plasma	54.15 to 26408.52	ng/mL
Thalidomide	K <sub>2</sub> EDTA	Plasma	10.001 to 2000.0560	ng/mL
Ticagrelor	K <sub>2</sub> EDTA	Plasma	1.25-2000	ng/mL
Ticagrelor & Deshydroxyethoxy Ticagrelor	K <sub>2</sub> EDTA	Plasma	8.5325-1306.3459 3.2614-499.3227	ng/mL

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Molecule Name	Anticoagulant	Matrix	CC Concentration	
			Range	Unit
Tolvaptan	K <sub>2</sub> EDTA	Plasma	5.0088 to 1500.3974	ng/mL
Topiramate	K <sub>2</sub> EDTA	Plasma	9.05 to 15006.82	ng/mL
Total Estrone	K <sub>2</sub> EDTA	Plasma	0.10 to 100.60	ng/mL
Tramadol	K <sub>3</sub> EDTA	Plasma	0.99 to 264.45	ng/mL
Tranexamic Acid	K <sub>2</sub> EDTA	Plasma	0.5090- 22.2587	µg/mL
Trimetazidine	K <sub>3</sub> EDTA	Plasma	1.51 to 249.79	ng/mL
Trimethoprim	K <sub>3</sub> EDTA	Plasma	22.40 to 3111.68	ng/mL
Trospium	K <sub>3</sub> EDTA	Plasma	0.05 to 13.29	ng/mL
Ursodiol& its Metabolites acid Tauroursodeoxycholic Glycoursodeoxycholic acid	K <sub>3</sub> EDTA	Plasma	99.88 to 15006.70, 10.27 to 1544.06 100.12 to 15051.97	ng/mL
Valproic Acid	K <sub>2</sub> EDTA	Plasma	2.0301 to 152.2510	µg/mL
Valsartan and Hydrochlorothiazide	K <sub>2</sub> EDTA	Plasma	54.2953 to 10048.8641 1.9520 to 361.2841	ng/mL
Valsartan and Sacubitril	K <sub>2</sub> EDTA	Plasma	54.2953 to 10048.8641 1.9520 to 361.2841	ng/mL
Vardenafil	K <sub>2</sub> EDTA	Plasma	0.10 to 50.86	ng/mL
Verapamil	K <sub>3</sub> EDTA	Plasma	0.54 to 243.80	ng/mL
Vitamin C (L-ascorbic acid Leukocytes)	K <sub>2</sub> EDTA	Plasma	100.6188 to 19583.4541	ng/mL
Vitamin C (L-ascorbic acid Leukocytes)	K <sub>2</sub> EDTA	Plasma	20.0717 to 3899.9174	ng/mL
Vitamin C (L-ascorbic acid)	K <sub>2</sub> EDTA	Plasma	100.5869-19610.6460	ng/mL
Vitamin D <sub>3</sub> (Cholecalciferol)	N/Ap	Serum	0.5115 to 100.1054	ng/mL
Voriconazole	K <sub>2</sub> EDTA	Plasma	10.06 to 5012.10	ng/mL
Vortioxetine	K <sub>2</sub> EDTA	Plasma	0.4980 to 79.0587	ng/mL
Zidovudine	K <sub>3</sub> EDTA	Plasma	25.0420 to 4111.4640	ng/mL
Ziprasidone	K <sub>3</sub> EDTA	Plasma	0.298 to 200.198	ng/mL
Zolpidem (Higher CC range)	K <sub>2</sub> EDTA	Plasma	1.01 to 503.74	ng/mL