



LC-MS/MS Methods - June 2017

Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
2-Phenylethylamine (PEA)	0.2	100	ng/mL	Human	Urine	Validated
5-Aminosalicylic Acid (Mesalamine)	4	2000	ng/mL	Human	EDTA Plasma	Validated
N-Acetyl-5-Aminosalicylic Acid	4	2000	ng/mL	Human	EDTA Plasma	Validated
5-Hydroxyindoleacetic Acid (5-HIAA)	100	10000	ng/mL	Human	Urine	Validated
5-Hydroxyindoleacetic Acid (5-HIAA)	1	100	ng/mL	Human	EDTA Plasma	Validated
5-Hydroxyindoleacetic Acid (5-HIAA)	5	500	ng/mL	Human	Cerebrospinal Fluid	Validated
6β-Naltrexol	0.25	10	pg/mL	Human	EDTA Plasma	Validated
Abiraterone	1	600	ng/mL	Human	EDTA Plasma	Validated
Abiraterone	0.1	100	ng/mL	Human	EDTA Plasma	Validated
Acetaminophen	0.025	15	µg/mL	Human	EDTA Plasma	Validated
Acetazolamide	0.1	30	µg/mL	Human	EDTA Plasma	Validated
Acetazolamide	0.1	30	µg/mL	Human	EDTA Whole Blood	Validated
Acetylsalicylic Acid	1	500	ng/mL	Human	EDTA Plasma	Validated
Acetylsalicylic Acid	20	10000	ng/mL	Human	Treated Plasma	Validated
Acitretin	1	500	ng/mL	Human	Heparin Plasma	Validated
13-cis-Acitretin	1	5	ng/mL	Human	Heparin Plasma	Validated
Acyclovir	5	500	ng/mL	Human	EDTA Plasma	Validated
Albendazole	0.25	250	ng/mL	Human	EDTA Plasma	Validated
Albendazole Sulfoxide	2.5	2500	ng/mL	Human	EDTA Plasma	Validated
Albuterol	0.15	15	ng/mL	Human	EDTA Plasma	Validated
Alendronate	0.05	50	ng/mL	Human	EDTA Plasma	Validated
Alfuzosin	0.1	25	ng/mL	Human	EDTA Plasma	Validated
Aliskiren	1	1000	ng/mL	Human	EDTA Plasma	Validated
all-trans-Retinoic Acid	2	50	ng/mL	Rat	EDTA Plasma	Validated
all-trans-Retinoic Acid	2	500	ng/mL	Human	Heparin Plasma	Validated
Almotriptan	0.5	200	ng/mL	Human	EDTA Plasma	Validated
Alprazolam	0.5	50	ng/mL	Human	EDTA Plasma	Validated
Alvimopan	0.1	20	ng/mL	Human	EDTA Plasma	Validated
Amantadine	2	1000	ng/mL	Human	EDTA Plasma	Validated
Amantadine	2	1500	ng/mL	Human	EDTA Plasma	Validated
Amantadine	5	300	ng/mL	Human	EDTA Plasma	Validated
N-Acetylamantadine	5	300	ng/mL	Human	EDTA Plasma	Validated
Amlodipine	0.25	25	ng/mL	Human	EDTA Plasma	Validated
Amphetamine Chiral						
D-amphetamine	0.5	80	ng/mL	Pig	EDTA Plasma	Validated
L-amphetamine	0.2	32	ng/mL	Pig	EDTA Plasma	Validated
Amphetamine Chiral						
D-amphetamine	0.5	160	ng/mL	Human	EDTA Plasma	Validated
L-amphetamine	0.2	64	ng/mL	Human	EDTA Plasma	Validated
Amphetamine	0.2	200	ng/mL	Human	EDTA Plasma	Validated
Lisdexamphetamine	0.1	100	ng/mL	Human	EDTA Plasma	Validated
Amphotericin B	20	2000	ng/mL	Human	EDTA Plasma	Validated
Anagrelide	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Apixaban	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Apomorphine	0.0263	13.1	ng/mL	Human	Treated Plasma	Validated
Apremilast	5	900	ng/mL	Human	Treated Plasma	Validated
Aripiprazole	1	250	ng/mL	Human	EDTA Plasma	Validated
Armodafinil	25	7500	ng/mL	Human	EDTA Plasma	Validated
Asenapine	0.05	25	ng/mL	Human	EDTA Plasma	Validated
N-desmethyl Asenapine	0.1	50	ng/mL	Human	EDTA Plasma	Validated
Atenolol	10	1250	ng/mL	Human	EDTA Whole Blood	Validated
Atomoxetine	2.00	400	ng/mL	Human	EDTA Plasma	Validated
N-Desmethylatomoxetine	2.00	400	ng/mL	Human	EDTA Plasma	Validated
Atorvastatin	0.5	150	ng/mL	Human	EDTA Plasma	Validated
o-OH-Atorvastatin	0.1	30	ng/mL	Human	EDTA Plasma	Validated
p-OH-Atorvastatin	0.02	6	ng/mL	Human	EDTA Plasma	Validated
Atovaquone	0.1	25	µg/mL	Human	EDTA Plasma	Validated
Azelastine	1	600	pg/mL	Human	EDTA Plasma	Validated
Desmethyazelastine	1	600	pg/mL	Human	EDTA Plasma	Validated
Azithromycin	5	2000	ng/mL	Human	EDTA Plasma	Validated
Benazepril	2	1000	ng/mL	Human	EDTA Plasma	Validated
Benazeprilat	2.5	1250	ng/mL	Human	EDTA Plasma	Validated
Betrixaban	0.1	50	ng/mL	Human	EDTA Plasma	In Validation
Bexarotene	3	1500	ng/mL	Human	Heparin Plasma	Validated
Bicalutamide	5	1000	ng/mL	Human	EDTA Plasma	Validated



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Bile Acids						
Cholic Acid (CA)	0.03	75				
Chenodeoxycholic Acid (CDCA)	0.02	30				
Deoxycholic Acid (DCA)	0.02	10				
Glycocholic Acid (GCA)	0.03	75				
Glycochenodeoxycholic Acid (GCDCA)	0.01	20				
Glycodeoxycholic Acid (GDCA)	0.01	10				
Glycolithocholic Acid (GLCA)	0.01	5				
Glycoursodeoxycholid Acid (GUDCA)	0.01	10				
Hyodeoxycholic Acid (HDCA)	0.01	5	µM	Human	Serum	Qualified
Lithocholic Acid (LCA)	0.01	5		Mouse	EDTA Plasma	
Muricholic Acid, alpha (MCA(a))	0.005	5				
Muricholic Acid, beta (MCA(b))	0.01	10				
Muricholic Acid, omega (MCA(o))	0.005	5				
Taurocholic Acid (TCA)	0.02	50				
Taurochenodeoxycholic Acid (TCDCA)	0.01	20				
Taurodeoxycholic Acid (TDCA)	0.01	10				
Taurolithocholic Acid (TLCA)	0.01	5				
Tauromuricholic Acid (TMCA)	0.01	10				
Tauroursodeoxycholic Acid (TUDCA)	0.01	15				
Bisoprolol	0.25	100	ng/mL	Human	EDTA Plasma	Validated
Bosentan	20	2500	ng/mL	Human	EDTA Plasma	Validated
Bromocriptine	1	250	pg/mL	Human	EDTA Plasma	Validated
Brompheniramine	0.5	25	ng/mL	Human	EDTA Plasma	Validated
Pseudoephedrine	5.00	400	ng/mL	Human	EDTA Plasma	Validated
Budesonide	0.01	5	ng/mL	Human	EDTA Plasma	Validated
Bumetanide	0.5	500	ng/mL	Human	Urine	Validated
Bupivacaine	1	500	ng/mL	Human	EDTA Plasma	Validated
Buprenorphine	0.0125	2.50	ng/mL	Human	EDTA Plasma	Validated
Norbuprenorphine	0.02	4.00				
Buprenorphine	0.025	5	ng/mL	Human	EDTA Plasma	Validated
Norbuprenorphine	0.02	4				
Buprenorphine	0.05	25	ng/mL	Human	EDTA Plasma	Validated
Norbuprenorphine	0.04	20				
Buprenorphine	0.1	50	ng/mL	Beagle	EDTA Plasma	Validated
Norbuprenorphine	0.08	40				
Buprenorphine	20	10000				
Norbuprenorphine	20	10000	pg/mL	Human	EDTA Plasma	Validated
Naloxone	2	1000				
Bupropion	2	500	ng/mL	Human	EDTA Plasma	Validated
Hydroxybupropion	4	1000				
Bupropion	2	1000				
Hydroxybupropion	4	2000	ng/mL	Human	EDTA Plasma	Validated
erythro-Hydroxybupropion	2	1000				
threo-Hydroxybupropion	2	1000				
Caffeine	30	15000				
Paraxanthine	10	5000	ng/mL	Human	EDTA Plasma	Validated
Theobromine	10	5000				
Carbamazepine	20	4000	ng/mL	Human	EDTA Plasma	Validated
Carbamazepine	40	8000	ng/mL	Human	EDTA Plasma	Validated
Carbamazepine	20	8000				
Carbamazepine Epoxide	2	800	ng/mL	Human	EDTA Plasma	Validated
Carbinoxamine	10	10000				
Dextromethorphan	20	5000	pg/mL	Human	EDTA Plasma	Validated
Pseudoephedrine	1000	100000				
Carvedilol	0.5	150				
4'-Hydroxycarvedilol	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Cefuroxime	0.1	10	µg/mL	Human	EDTA Plasma	Validated
Celecoxib	10	1500	ng/mL	Human	EDTA Plasma	Validated
Cephalexin	0.25	50	µg/mL	Human	EDTA Plasma	Validated
Cetirizine	2	500	ng/mL	Human	EDTA Plasma	Validated
Pseudoephedrine	2	500				
Cevimeline	1	200	ng/mL	Human	EDTA Plasma	Validated
Chlorpheniramine	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Chlorthalidone	0.05	20	µg/mL	Human	EDTA Plasma	Validated
Cilostazol	2	1000	ng/mL	Human	Heparin Plasma	Validated
Cilostazol	2	1000				
3,4-Dehydrocilostazol (OPC 13015)	2	300	ng/mL	Human	EDTA Plasma	Validated
4'-trans-Hydroxycilostazol (OPC 13213)	1	150				
Cimetidine	10	10000	ng/mL	Human	EDTA Plasma	Validated
Cinacalcet	0.1	50	ng/mL	Human	EDTA Plasma	In Validation
Ciprofloxacin	0.01	5	µg/mL	Human	EDTA Plasma	Validated
Citalopram	1	100	ng/mL	Human	EDTA Plasma	Validated



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Citalopram	1	100				
Desmethylcitalopram	0.25	25	ng/mL	Human	EDTA Plasma	Validated
Didesmethylcitalopram	0.25	25				
Clarithromycin	20	4000	ng/mL	Human	EDTA Plasma	Validated
Clindamycin	0.05	20	µg/mL	Human	Heparin Plasma	Validated
Clindamycin	0.1	20				
Butoconazole	0.1	20	ng/mL	Human	EDTA Plasma	Validated
Clobazam	1	500				
N-Desmethylclobazam	1	500	ng/mL	Human	EDTA Plasma	Validated
Clonidine	8	1500	pg/mL	Human	EDTA Plasma	Validated
Clopidogrel	0.18	36	ng/mL	Human	EDTA Plasma	Validated
Clopidogrel Carboxylic Acid	180	36000				
Cocaine	5	1000				
Cocaine	1	500	ng/mL	Human	Treated Plasma	Validated
Codeine	1	500	ng/mL	Human	EDTA Plasma	Validated
Cyclosporin A	5	2500	ng/mL	Human	EDTA Whole Blood	Validated
Dabigatran	0.5	400	ng/mL	Human	Treated sodium fluoride/potassium oxalate Plasma	Validated
Dabigatran (Total)	0.5	400	ng/mL	Human	Treated sodium fluoride/potassium oxalate Plasma	Validated
Dalfampridine	0.2	50	ng/mL	Human	EDTA Plasma	Validated
Dapsone	5	3000	ng/mL	Human	sodium fluoride/potassium oxalate plasma	Validated
Darifenacin	0.01	20	ng/mL	Human	EDTA Plasma	Validated
Dasatinib	0.2	200	ng/mL	Human	EDTA Plasma	In Validation
delta9-THC (Dronabinol)	0.025	10	ng/mL	Human	EDTA Plasma	Validated
11-OH-delta9-THC	0.025	10				
Demeclocycline	50	5000	ng/mL	Human	EDTA Plasma	Validated
Deracoxib	0.025	10	µg/mL	Beagle	Heparin Plasma	Validated
Dexmethylphenidate	0.25	50	ng/mL	Human	EDTA Plasma	Validated
DHPG	200	10000	pg/mL	Human	Treated Plasma	Validated
Diazepam	1	500				
Nordiazepam	1	500	ng/mL	Human	EDTA Plasma	Validated
Diazepam	1	500				
Nordiazepam	1	500				
Oxazepam	1	500				
Temazepam	1	500				
Diclofenac	5	2500	ng/mL	Human	EDTA Plasma	Validated
Diclofenac	20	20000	ng/mL	Human	EDTA Plasma	Validated
Diethylpropion	0.1	15				
diethylnorpseudoephedrine	0.2	30	ng/mL	Human	EDTA Plasma	Validated
2 (ethylamino)propiofenone	0.4	200				
Digoxin	0.05	8	ng/mL	Human	EDTA Plasma	Validated
Dihydroxyphenylacetic Acid (DOPAC)	0.1	10	ng/mL	Human	Cerebrospinal Fluid	Validated
Homovanillic Acid (HVA)	5	500				
Dihydroxyphenylacetic Acid (DOPAC)	0.4	40	ng/mL	Human	EDTA Plasma	Validated
Homovanillic Acid (HVA)	4	400				
Diltiazem	5	250				
Desacetyldiltiazem	0.5	25	ng/mL	Human	Treated Plasma	Validated
Desmethyldiltiazem	1.5	75				
Diphenhydramine	0.4	100	ng/mL	Human	EDTA Plasma	Validated
Dipyridamole	10	5000	ng/mL	Human	EDTA Plasma	Validated
Disopyramide	10	2000	ng/mL	Human	EDTA Plasma	Validated
Donepezil	0.25	100	ng/mL	Human	EDTA Plasma	Validated
Donepezil	0.2	40	ng/mL	Human	EDTA Plasma	Validated
Memantine	0.5	100				
Dopamine	0.02	1	ng/mL	Human	EDTA Plasma	Validated
Doxepin	0.1	100	ng/mL	Human	EDTA Plasma	Validated
N-desmethyldoxepin	0.05	50				
Doxorubicin	1	500	ng/mL	Human	EDTA Plasma	Validated
Doxorubicin	0.5	250				
Doxycycline	10	2000	ng/mL	Human	EDTA Plasma	Validated
Dronedarone	1.06	530	ng/mL	Human	EDTA Plasma	Validated
N-Desbutyl Dronedarone	1.07	535				
Droxidopa	5	4000	ng/mL	Human	Treated Plasma	Validated
d-threo-Methylphenidate	0.25	50	ng/mL	Human	EDTA Plasma	Validated
l-threo-Methylphenidate	0.01	2				
Duloxetine	0.5	75	ng/mL	Human	EDTA Plasma	Validated
Dutasteride	0.025	5	ng/mL	Human	EDTA Plasma	Validated
Edoxaban	1	500	ng/mL	Human	EDTA Plasma	In Validation
Efavirenz	100	20000	ng/mL	Human	EDTA Plasma	Validated
Eicosapentaenoic Acid (EPA) Total	1	200	µg/mL	Human	EDTA Plasma	Validated
Docosahexaenoic Acid (DHA) Total	2	400				



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Eicosapentaenoic Acid (EPA)	10	1000	ng/mL	Human	EDTA Plasma	Validated
Docosahexaenoic Acid (DHA)	30	3000	ng/mL	Human	EDTA Plasma	Validated
Eicosapentaenoic Acid Ethyl Ester (EPA-EE)	0.5	500	ng/mL	Human	EDTA Plasma	In Validation
Docosahexaenoic Acid Ethyl Ester (DHA-EE)	0.5	500	ng/mL	Human	EDTA Plasma	In Validation
Eletriptan	0.5	250	ng/mL	Human	EDTA Plasma	Validated
Emtricitabine	5	5000	ng/mL	Human	EDTA Plasma	Validated
Tenofovir	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Enalapril	0.75	300	ng/mL	Human	EDTA Plasma	Validated
Enalaprilat	1	400	ng/mL	Human	EDTA Plasma	Validated
Enalapril	0.25	100	ng/mL	Human	EDTA Plasma	Validated
Enalaprilat	0.5	200	ng/mL	Human	EDTA Plasma	Validated
Entacapone	25	2000	ng/mL	Human	EDTA Plasma	Validated
Enzalutamide	0.05	50	µg/mL	Human	EDTA Plasma	Validated
N-Desmethyl-enzalutamide	0.025	25	µg/mL	Human	EDTA Plasma	Validated
Enzalutamide	10	2500	ng/mL	Human	EDTA Plasma	Validated
N-Desmethyl-enzalutamide	5	1250	ng/mL	Human	EDTA Plasma	Validated
E-Phytonadione (Vitamin K)	0.5	150	ng/mL	Human	EDTA Plasma	Validated
Z-Phytonadione	0.3	90	ng/mL	Human	EDTA Plasma	Validated
Epinephrine	20	4000	pg/mL	Human	Treated Plasma	Validated
Epirubicin	1	500	ng/mL	Human	Heparin Plasma	Validated
Esomeprazole	2	2000	ng/mL	Human	EDTA Plasma	Validated
Estrone (Total)	0.06	60	ng/mL	Human	EDTA Plasma	Validated
Estrone Sulfate	75	3750	pg/mL	Human	EDTA Plasma	Validated
Estrone	5	500	pg/mL	Human	EDTA Plasma	Validated
Estradiol	5	500	pg/mL	Human	EDTA Plasma	Validated
Eszopiclone	0.2	100	ng/mL	Human	Treated Plasma	Validated
Ethinyl Estradiol	10	100	pg/mL	Human	EDTA Plasma	Validated
Everolimus	0.1	20	ng/mL	Human	EDTA Whole Blood	Validated
Everolimus	0.5	200	ng/mL	Human	EDTA Whole Blood	Validated
Exemestane	0.5	70	ng/mL	Human	EDTA Plasma	Validated
Ezetimibe	0.05	20	ng/mL	Human	EDTA Plasma	In Validation
Ezetimibe (Total)	0.2	100	ng/mL	Human	EDTA Plasma	In Validation
Famotidine	2	300	ng/mL	Human	EDTA Plasma	Validated
Felodipine	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Fenofibric Acid	50	20000	ng/mL	Human	EDTA Plasma	Validated
Fentanyl	0.06	60	ng/mL	Mouse	EDTA Plasma	Validated
Fentanyl	0.025	5	ng/mL	Human	EDTA Plasma	Validated
Fesoterodine	0.002	2	ng/mL	Human	Treated Plasma	In Validation
5-hydroxymethyltolterodine	0.02	20	ng/mL	Human	Treated Plasma	In Validation
Fexofenadine	2	1600	ng/mL	Human	EDTA Plasma	Validated
Pseudoephedrine	1	800	ng/mL	Human	EDTA Plasma	Validated
Finasteride	0.1	100	ng/mL	Human	EDTA Plasma	Validated
Fingolimod	20	8000	pg/mL	Human	EDTA Whole Blood	Validated
Fingolimod Phosphate	30	12000	pg/mL	Human	EDTA Whole Blood	Validated
Fluconazole	100	25000	ng/mL	Human	EDTA Plasma	Validated
Fluoxetine	0.25	100	ng/mL	Human	Heparin Plasma	Validated
Norfluoxetine	0.25	100	ng/mL	Human	Heparin Plasma	Validated
Fluticasone Propionate	1.5	200	pg/mL	Human	EDTA Plasma	Validated
Fluticasone Propionate	0.5	20	pg/mL	Human	EDTA Plasma	Validated
Azelastine	5	500	pg/mL	Human	EDTA Plasma	Validated
Fluticasone Propionate	0.5	200	pg/mL	Human	EDTA Plasma	Validated
Salmeterol	0.5	200	pg/mL	Human	EDTA Plasma	Validated
Fluvastatin	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Formoterol	0.5	100	pg/mL	Human	Treated EDTA Plasma	Validated
Fulvestrant	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Gabapentin	50	12000	ng/mL	Human	EDTA Plasma	Validated
Galanthamine	0.5	50	ng/mL	Human	EDTA Plasma	Validated
Ganciclovir	10	2000	ng/mL	Human	EDTA Plasma	Validated
Ganciclovir	40	4000	ng/mL	Human	EDTA Plasma	Validated
Glimepiride	1	1000	ng/mL	Human	EDTA Plasma	Validated
Glyburide	2	150	ng/mL	Human	EDTA Plasma	Validated
Metformin	20	1500	ng/mL	Human	EDTA Plasma	Validated
Glycopyrronium (Glycopyrrolate)	2	2500	pg/mL	Human	EDTA Plasma	Validated
Granisetron	0.05	10	ng/mL	Human	EDTA Plasma	Validated
7-Hydroxygranisetron	0.01	2	ng/mL	Human	EDTA Plasma	Validated
Griseofulvin	25	2500	ng/mL	Human	EDTA Plasma	Validated
Guaifenesin	10	4000	ng/mL	Human	EDTA Plasma	Validated
Guanfacine	0.05	50	ng/mL	Human	EDTA Plasma	Validated
Homoarginine	100	10000	ng/mL	Human	EDTA Plasma	Validated
Hydrochlorothiazide	1	400	ng/mL	Human	EDTA Plasma	Validated
Hydrocodone	0.5	100	ng/mL	Beagle	EDTA Plasma	Validated
Hydrocodone	0.1	50	ng/mL	Human	EDTA Plasma	Validated
Hydrocodone	1	200	ng/mL	Human	EDTA Plasma	Validated



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Hydrocodone	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Chlorpheniramine	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Hydromorphone	0.1	125	ng/mL	Rat	Heparin Plasma	Validated
Hydromorphone	0.04	10	ng/mL	Mouse	Heparin Plasma	Validated
Hydromorphone	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Hydromorphone	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Hydromorphone-3B-D-Glucuronide	0.5	100	ng/mL	Human	EDTA Plasma	Validated
Ibandronate	10	2000	pg/mL	Human	EDTA Plasma	In Validation
Ibuprofen	250	50000	ng/mL	Human	EDTA or Heparin Plasma	Validated
Imatinib	10	5000	ng/mL	Human	EDTA Plasma	In Validation
N-desmethylimatinib	10	5000	ng/mL	Human	EDTA Plasma	In Validation
Indomethacin	20	4000	ng/mL	Human	EDTA Plasma	Validated
Irbesartan	50	8000	ng/mL	Human	EDTA Plasma	Validated
Irinotecan	2	1000	ng/mL	Human	EDTA Plasma	Validated
SN-38	1	500	ng/mL	Human	EDTA Plasma	Validated
Irinotecan	10	5000	ng/mL	Human	EDTA Plasma	Validated
SN-38	5	2500	ng/mL	Human	EDTA Plasma	Validated
Irinotecan	20	4000	ng/mL	Human	EDTA Plasma	Validated
SN-38	1	200	ng/mL	Human	EDTA Plasma	Validated
Isotretinoin	1	600	ng/mL	Human	Treated EDTA Plasma	In Validation
Isradipine	0.15	10	ng/mL	Human	EDTA Plasma	Validated
Itraconazole	2	1000	ng/mL	Human	Heparin Plasma	Validated
Hydroxyitraconazole	2	1000	ng/mL	Human	Heparin Plasma	Validated
Ketamine (Chiral)	1	500	ng/mL	Human	Heparin Plasma	Validated
R-Ketamine	1	500	ng/mL	Human	Heparin Plasma	Validated
S-Ketamine	2	1000	ng/mL	Human	Heparin Plasma	Validated
R-Norketamine	2	1000	ng/mL	Human	Heparin Plasma	Validated
S-Norketamine	2	1000	ng/mL	Human	Heparin Plasma	Validated
Ketamine	0.5	250	ng/mL	Human	EDTA Plasma	Validated
Norketamine	0.5	250	ng/mL	Human	EDTA Plasma	Validated
Ketoconazole	0.2	50	µg/mL	Human	Heparin Plasma	Validated
Ketoprofen	50	25000	ng/mL	Human	EDTA Plasma	Validated
Ketorolac	10	10000	ng/mL	Human	EDTA Plasma	Validated
Kynurenine	4	2000	ng/mL	Human	EDTA Plasma	Validated
Tryptophan	40	20000	ng/mL	Human	EDTA Plasma	Validated
Lacosamide	10	10000	ng/mL	Human	EDTA Plasma	Validated
Lamotrigine	7.5	3000	ng/mL	Human	EDTA Plasma	Validated
Lansoprazole	5	2000	ng/mL	Human	EDTA or Heparin Plasma	Validated
Lenalidomide	1	1000	ng/mL	Human	EDTA Plasma	Validated
Letrozole	0.5	50	ng/mL	Human	EDTA Plasma	Validated
Levetiracetam	0.05	30	µg/mL	Human	EDTA Plasma	Validated
Levocetirizine	2	500	ng/mL	Human	EDTA Plasma	Validated
Levodopa	2	400	ng/mL	Human	EDTA Plasma	Validated
Carbidopa	2	400	ng/mL	Human	EDTA Plasma	Validated
Levodopa	0.1	5	ng/mL	Human	Cerebrospinal Fluid	Validated
Dopamine	0.1	5	ng/mL	Human	Cerebrospinal Fluid	Validated
Levodopa	0.2	10	ng/mL	Human	EDTA Plasma	Validated
Dopamine	0.1	5	ng/mL	Human	EDTA Plasma	Validated
Levofloxacin	0.1	10	µg/mL	Human	EDTA Plasma	Validated
Levorphanol	25	25000	pg/mL	Human	EDTA Plasma	Validated
Licarbazepine	100	20000	ng/mL	Human	EDTA Plasma	In Validation
Lidocaine	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Lidocaine	0.2	200	ng/mL	Human	EDTA Plasma	Validated
Linagliptin	0.5	500	ng/mL	Human	EDTA Plasma	In Validation
Liraglutide	1	500	ng/mL	Human	EDTA Plasma	Validated
Lisinopril	0.5	300	ng/mL	Human	EDTA Plasma	Validated
Lofexidine	50	10000	pg/mL	Human	Heparin Plasma	Validated
Lopinavir	30	15000	ng/mL	Human	EDTA Plasma	Validated
Ritonavir	30	15000	ng/mL	Human	EDTA Plasma	Validated
Loratadine	0.02	10	ng/mL	Human	EDTA Plasma	Validated
Desloratadine	0.02	10	ng/mL	Human	EDTA Plasma	Validated
Pseudoephedrine	1	500	ng/mL	Human	EDTA Plasma	Validated
Losartan	5	1000	ng/mL	Human	EDTA Plasma	Validated
Losartan Acid	5	1000	ng/mL	Human	EDTA Plasma	Validated
Lovastatin	0.05	50	ng/mL	Human	Heparin Plasma	Validated
Lovastatin Acid	0.05	50	ng/mL	Human	Heparin Plasma	Validated
Lurasidone	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Mefenamic Acid	50	7500	ng/mL	Human	EDTA Plasma	Validated
Meloxicam	5	3000	ng/mL	Human	EDTA Plasma	Validated
Memantine	0.5	100	ng/mL	Human	EDTA Plasma	Validated
Metaxalone	10	8000	ng/mL	Human	EDTA Plasma	Validated



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Metformin	20	1500	ng/mL	Human	EDTA Plasma	Validated
Metformin	20	3000	ng/mL	Human	EDTA Plasma	Validated
Methadone	0.5	150	ng/mL	Human	EDTA Plasma	Validated
Methadone	3	900	ng/mL	Human	EDTA Plasma	Validated
Methotrexate	0.5	500	ng/mL	Human	EDTA Plasma	Validated
7-hydroxymethotrexate	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Methylhomatropine	0.02	2	ng/mL	Human	EDTA Plasma	Validated
Methylnaltrexone	0.35	350	ng/mL	Human	EDTA Plasma	Validated
Methylphenidate	0.25	25	ng/mL	Human	EDTA Plasma	Validated
Methylphenidate	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Methylphenidate	0.5	50	ng/mL	Human	EDTA Plasma	Validated
Metoprolol	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Metronidazole	1	500	ng/mL	Human	EDTA Plasma	Validated
Metronidazole	0.5	200	ng/mL	Human	EDTA Plasma	Validated
Metronidazole	0.1	15	µg/mL	Human	EDTA Plasma	Validated
Midazolam	0.2	40	ng/mL	Human	EDTA Plasma	Validated
1-Hydroxymidazolam	0.2	40	ng/mL	Human	EDTA Plasma	Validated
Minocycline	5	1500	ng/mL	Human	EDTA Plasma	Validated
Minocycline	5	2500	ng/mL	Human	EDTA Plasma	Validated
Mirabegron	0.2	100	ng/mL	Human	Treated Plasma	Validated
Misoprostic Acid	10	600	pg/mL	Human	EDTA Plasma	Validated
Modafinil	0.2	50	ng/mL	Human	EDTA Plasma	Validated
Modafinil Sulfone	0.2	50	µg/mL	Human	Heparin Plasma	Validated
Modafinil Acid	0.2	50	ng/mL	Human	EDTA Plasma	In Validation
Molindone	0.05	50	ng/mL	Human	EDTA Plasma	In Validation
Mometasone Furoate	0.5	50	pg/mL	Human	EDTA Plasma	In Validation
Mometasone Furoate	1.5	30	pg/mL	Human	EDTA Plasma	Validated
Monomethyl Fumarate (MMF)	10	2000	ng/mL	Human	EDTA Plasma	Validated
Metabolite of Dimethyl Fumarate (DMF)	10	2000	ng/mL	Human	EDTA Plasma	Validated
Montelukast	1	350	ng/mL	Human	EDTA Plasma	Validated
Morphine	0.2	50	ng/mL	Human	EDTA Plasma	Validated
Codeine	0.1	12.5	ng/mL	Human	EDTA Plasma	Validated
Morphine	0.3	60	ng/mL	Human	EDTA Plasma	Validated
Morphine 6b-glucuronide	1	200	ng/mL	Human	EDTA Plasma	Validated
Oxycodone	0.3	60	ng/mL	Human	EDTA Plasma	Validated
Morphine	0.3	60	ng/mL	Human	EDTA Plasma	Validated
Morphine-6β-glucuronide	1	00	ng/mL	Human	EDTA Plasma	Validated
Morphine	0.05	25	ng/mL	Human	EDTA Plasma	Validated
Morphine-6β-glucuronide	0.2	100	ng/mL	Human	EDTA Plasma	Validated
Morphine	1	100	ng/mL	Human	EDTA Plasma	Validated
Morphine-6β-glucuronide	5	500	ng/mL	Human	EDTA Plasma	Validated
Moxifloxacin	25	5000	ng/mL	Human	EDTA Plasma	Validated
Mycophenolate Mofetil	1	500	ng/mL	Human	EDTA Plasma	Validated
Mycophenolic Acid	20	10000	ng/mL	Human	EDTA Plasma	Validated
Mycophenolic Acid	40	20000	ng/mL	Human	EDTA Plasma	Validated
Naloxone	1	250	pg/mL	Human	EDTA Plasma	Validated
Naloxone	0.01	10	ng/mL	Human	EDTA Plasma	Validated
Naloxone	1	400	pg/mL	Human	EDTA Plasma	Validated
Naloxone	0.2	200	ng/mL	Beagle	EDTA Plasma	Validated
Naloxone	0.05	50	ng/mL	Human	EDTA Plasma	Validated
Naloxone	0.3	150	ng/mL	Rat	Treated Plasma	Validated
Naloxone (Total)	0.05	50	ng/mL	Human	EDTA Plasma	Validated
Naloxone	1	500	pg/mL	Human	EDTA Plasma	Validated
Naloxone 3-glucuronide	50	25000	pg/mL	Human	EDTA Plasma	Validated
Naloxone	1	500	pg/mL	Human	EDTA Plasma	Validated
Naloxone 3-glucuronide	300	150000	pg/mL	Human	EDTA Plasma	Validated
Naltrexone	4	500	pg/mL	Human	EDTA Plasma	Validated
6β-Naltrexol	10	4000	pg/mL	Human	EDTA Plasma	Validated
Naltrexone	0.02	2	ng/mL	Human	EDTA Plasma	Validated
6β-Naltrexol	0.02	4	ng/mL	Human	EDTA Plasma	Validated
Naltrexone	0.05	20	ng/mL	Human	EDTA Plasma	Validated
6β-Naltrexol	0.5	200	ng/mL	Human	EDTA Plasma	Validated
Naproxen	0.5	50	µg/mL	Human	Urine	Validated
Naproxen	0.5	100	µg/mL	Human	EDTA Plasma	Validated
Nateglinide	0.05	10	µg/mL	Human	EDTA Plasma	Validated
Nebivolol	0.1	25	ng/mL	Human	EDTA Plasma	In Validation
Nelfinavir	10	6000	ng/mL	Human	EDTA Plasma	Validated
Saquinavir	5	3000	ng/mL	Human	EDTA Plasma	Validated
Ritonavir	10	6000	ng/mL	Human	EDTA Plasma	Validated
Nicotine	0.5	100	ng/mL	Human	EDTA Plasma	Validated
Cotinine	2.5	500	ng/mL	Human	EDTA Plasma	Validated
Nicotinic Acid	50	15000	ng/mL	Human	Heparin Plasma	Validated
Nicotinuric Acid	15	4500	ng/mL	Human	Heparin Plasma	Validated
Nifedipine	1	250	ng/mL	Human	EDTA Plasma	Validated



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Nilotinib	1	1000	ng/mL	Human	EDTA Plasma	Validated
N-Methylpyrrolidone (NMP)	1	1000	µg/mL	Rat	EDTA Plasma	Validated
N-Methylpyrrolidone (NMP)	1	1000	µg/mL	Rabbit	EDTA Plasma	Validated
N-Methylpyrrolidone (NMP)	30	30000	ng/mL	Human	EDTA Plasma	Validated
Norepinephrine	40	2000	pg/mL	Human	Cerebrospinal Fluid	Validated
DHPG	200	10000				
Norepinephrine	40	2000	pg/mL	Human	EDTA Plasma	Validated
DHPG	200	10000				
Norethindrone	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Norethindrone	0.025	7.5	ng/mL	Human	EDTA Plasma	Validated
Norgestrel	50	5000	pg/mL	Human	EDTA Plasma	Validated
Norgestrel	50	2500				
Norelgestromin	30	1500	pg/mL	Human	EDTA Plasma	Validated
Olanzapine	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Omeprazole	1	500	ng/mL	Human	Heparin Plasma	Validated
Omeprazole	50	10000	ng/mL	Human	EDTA Plasma	Validated
Omeprazole	4	4000	ng/mL	Human	EDTA Plasma	Validated
Ondansetron	0.5	250	ng/mL	Human	EDTA Plasma	Validated
Oseltamivir	1	200	ng/mL	Human	Treated Plasma	In Validation
Oseltamivir Acid	5	1000	ng/mL	Human		
Oxcarbazepine	5	2500	ng/mL	Human	EDTA Plasma	Validated
10, 11-Dihydro-10-Hydroxycarbamazepine (licarbazepine)	30	15000				
Oxybutynin (Chiral)	0.03	1.2				
R-Oxybutynin	0.06	2.4	ng/mL	Human	EDTA Plasma	Validated
S-Oxybutynin	0.1	4				
R-Desethyloxybutynin	0.05	2				
S-Desethyloxybutynin	0.05	25	ng/mL	Human	EDTA Plasma	Validated
Oxybutynin	0.2	100				
Desethyloxybutynin	0.25	125	ng/mL	Human	EDTA Plasma	Validated
Oxycodone	0.25	125				
Oxycodone	0.25	125	ng/mL	Human	EDTA Plasma	Validated
Oxymorphone	0.05	25	ng/mL	Beagle	EDTA Plasma	Validated
Noroxycodone	0.5	250				
Oxycodone	0.25	125				
Oxymorphone	0.05	25.0	ng/mL	Human	EDTA Plasma	Validated
Noroxycodone	0.5	250				
Oxymetazoline	20	2000	pg/mL	Human	EDTA Plasma	Validated
Oxymetholone	0.125	25	ng/mL	Human	EDTA Plasma	Validated
Oxymorphone	0.025	15	ng/mL	Human	EDTA Plasma	Validated
6β-Hydroxyoxymorphone	0.02	12				
Paclitaxel	1	1000	ng/mL	Human	EDTA Plasma	Validated
Paliperidone (9-hydroxyrisperidone)	0.1	25	ng/mL	Human	EDTA Plasma	Validated
Palonosetron	15	1500	pg/mL	Human	EDTA Plasma	Validated
Pantoprazole	50	5000	ng/mL	Human	EDTA Plasma	Validated
Papaverine	0.2	100	ng/mL	Human	EDTA Plasma	Validated
Paroxetine	0.1	60	ng/mL	Human	EDTA Plasma	Validated
Pemetrexed	0.4	200	µg/mL	Human	EDTA Plasma	In Validation
Perampanel	1	1000	ng/mL	Human	EDTA Plasma	Validated
Phenobarbital	0.25	20	µg/mL	Human	EDTA Plasma	Validated
Phenoxybenzamine	0.025	15	ng/mL	Human	EDTA Plasma	Validated
Phentermine	0.5	150	ng/mL	Human	EDTA Plasma	Validated
Phenylephrine	1	300	ng/mL	Human	EDTA Plasma	Validated
Phenytoin	10	4000	ng/mL	Human	EDTA Plasma	Validated
Phenytoin	10	4000	ng/mL	Human	EDTA Ultrafiltrate	Validated
Phenytoin	50	35000	ng/mL	Human	EDTA Plasma	Validated
Pilocarpine	0.2	50	ng/mL	Human	EDTA Plasma	Validated
Pioglitazone	10	3000	ng/mL	Human	EDTA Plasma	Validated
Pioglitazone	10	3000				
Hydroxyglitazone (MIV)	5	1500	ng/mL	Human	EDTA Plasma	Validated
Ketopioallitazone (MIH)	2.5	750				
Pramipexole	10	1000	pg/mL	Human	EDTA Plasma	Validated
Pravastatin	0.5	200	ng/mL	Human	EDTA Plasma	Validated
Pregabalin	50	15000	ng/mL	Human	EDTA Plasma	Validated
Probenecid	0.2	200	µg/mL	Human	EDTA Plasma	Validated
Progesterone	0.1	50	ng/mL	Human	EDTA Plasma	Validated
Promethazine	0.1	55	ng/mL	Human	EDTA Plasma	Validated
Propranolol	1	200	ng/mL	Human	EDTA Plasma	Validated
Propranolol (Total)	1	600	ng/mL	Human	EDTA Plasma	Validated
4-Hydroxypropranolol (Total)	1	600				
Quetiapine	2	2000	ng/mL	Human	EDTA Plasma	Validated
Quetiapine	2	1000				
7-hydroxyquetiapine	0.5	250	ng/mL	Human	Heparin Plasma	Validated
7-hydroxy-N-desalkylquetiapine	0.5	250				



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Rabeprazole	5	1000	ng/mL	Human	Heparin Plasma	Validated
Raloxifene	10	1000	pg/mL	Human	EDTA Plasma	Validated
Raloxifene-4'-Glucuronide	1	400	ng/mL	Human	EDTA Plasma	Validated
Raloxifene-6'-Glucuronide	0.3	120	ng/mL	Human	EDTA Plasma	Validated
Raltegravir	10	5000	ng/mL	Human	EDTA Plasma	Validated
Ranitidine	10	1500	ng/mL	Human	EDTA Plasma	Validated
Ranolazine	10	3000	ng/mL	Human	EDTA Plasma	Validated
Repaglinide	0.075	75	ng/mL	Human	EDTA Plasma	Validated
Retigabine (Ezogabine)	5	1500	ng/mL	Human	EDTA Plasma	In Validation
Ribavirin	5	1000	ng/mL	Human	EDTA Plasma	Validated
Rifaximin	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Rilpivirine	1	500	ng/mL	Human	EDTA Plasma	Validated
Risedronate	0.05	50	ng/mL	Human	EDTA Plasma	In Validation
Risedronic Acid	1	1000	ng/mL	Human	Urine	Validated
Risperidone	0.1	100	ng/mL	Human	EDTA Plasma	Validated
9-Hydroxyrisperidone	0.1	100	ng/mL	Human	EDTA Plasma	Validated
Rivaroxaban	0.5	500	ng/mL	Human	EDTA Plasma	Validated
Rizatriptan	0.1	40	ng/mL	Human	EDTA Plasma	Validated
Ropinirole	10	1000	pg/mL	Human	EDTA Plasma	Validated
Rosuvastatin	0.1	20	ng/mL	Human	EDTA Plasma	Validated
Ruxolitinib	1	1000	ng/mL	Human	EDTA Plasma	Validated
Salicylic Acid	3	1500	ng/mL	Human	EDTA Plasma	Validated
Acetylsalicylic Acid	1	500	ng/mL	Human	EDTA Plasma	Validated
Saquinavir	0.05	25	ng/mL	Human	EDTA Plasma	Validated
Saxagliptin	0.2	40	ng/mL	Human	EDTA Plasma	In Validation
5-Hydroxy-Saxagliptin	0.4	80	ng/mL	Human	EDTA Plasma	In Validation
Serotonin (5-HT)	0.05	25	ng/mL	Human	EDTA Plasma	Validated
Serotonin (5-HT)	5	250	pg/mL	Human	Cerebrospinal Fluid	Validated
Sertraline	1	100	ng/mL	Human	EDTA Plasma	Validated
Sildenafil	1	750	ng/mL	Human	EDTA Plasma	Validated
N-Desmethylsildenafil	0.5	375	ng/mL	Human	EDTA Plasma	Validated
Simvastatin	0.15	60	ng/mL	Human	EDTA Plasma	Validated
Simvastatin Acid	0.05	20	ng/mL	Human	EDTA Plasma	Validated
Sirolimus	0.1	100	ng/mL	Human	EDTA Whole Blood	In Validation
Sitagliptin	1	500	ng/mL	Human	EDTA Plasma	Validated
Sofosbuvir	10	5000	ng/mL	Human	EDTA Plasma	In Validation
GS-331007	5	2500	ng/mL	Human	EDTA Plasma	In Validation
Solfifenacin	0.1	25	ng/mL	Human	EDTA Plasma	Validated
Sorafenib	10	5000	ng/mL	Human	EDTA Plasma	Validated
Spiranolactone	1	100	ng/mL	Human	EDTA Plasma	Validated
Canrenone	2	200	ng/mL	Human	EDTA Plasma	Validated
Spironolactone	2	100	ng/mL	Human	EDTA Plasma	Validated
Stavudine (D4T)	2	1200	ng/mL	Human	Heparin Plasma	Validated
Sumatriptan	0.1	150	ng/mL	Human	EDTA Plasma	Validated
Sumatriptan	0.1	150	ng/mL	Human	EDTA Plasma	Validated
Tacrolimus	0.1	50	ng/mL	Human	EDTA Whole Blood	Validated
Tadalafil	1	500	ng/mL	Human	EDTA Plasma	In Validation
Tamsulosin	0.1	25	ng/mL	Human	EDTA Plasma	Validated
Tapentadol	0.2	200	ng/mL	Human	EDTA Plasma	Validated
Temazepam	1	300	ng/mL	Human	EDTA Plasma	Validated
Tenofovir	5	250	ng/mL	Human	EDTA Plasma	Validated
Terbinafine	2.5	1250	ng/mL	Human	EDTA Plasma	Validated
Testosterone	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Dihydrotestosterone	0.1	10	ng/mL	Human	EDTA Plasma	Validated
Testosterone undecanoate	1.	100	ng/mL	Human	EDTA Plasma	Validated
Thalidomide	10	2000	ng/mL	Human	EDTA Plasma	Validated
Thebaine	0.025	10	ng/mL	Human	EDTA Plasma	Validated
Thyroxine (T4)	10	300	ng/mL	Human	Serum	Validated
Triiodo-L-Thyronine (T3)	0.5	15	ng/mL	Human	Serum	Validated
Ticagrelor	2	1000	ng/mL	Human	EDTA Plasma	Validated
AR-C124910XX	1	500	ng/mL	Human	EDTA Plasma	Validated
Tolbutamide	50	5000	ng/mL	Human	Heparin Plasma	Validated
Tolterodine	0.025	15	ng/mL	Human	EDTA Plasma	Validated
HMT	0.025	15	ng/mL	Human	EDTA Plasma	Validated
Topiramate	10	1000	ng/mL	Human	EDTA Plasma	Validated
Topiramate	0.02	20	µg/mL	Human	EDTA Plasma	Validated
Tramadol	4	2000	ng/mL	Human	EDTA Plasma	Validated
O-desmethyltramadol (M1)	0.8	400	ng/mL	Human	EDTA Plasma	Validated
Tramadol	1	500	ng/mL	Human	EDTA Plasma	Validated
O-desmethyltramadol (M1)	0.2	100	ng/mL	Human	EDTA Plasma	Validated
Tranexamic Acid	50	10000	ng/mL	Human	EDTA Plasma	Validated
Trazodone	10	3000	ng/mL	Human	EDTA Plasma	Validated



Analyte Name	LLOQ	ULOQ	Units	Species	Matrix	Status
Triamcinolone Acetonide	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Triamcinolone Acetonide	0.05	10	ng/mL	Pig	EDTA Plasma	Validated
Triamterene	1	500	ng/mL	Human	EDTA Plasma	Validated
Trientine	4	2000	ng/mL	Human	EDTA Plasma	Validated
N1-Acetyltrientine	4	2000	ng/mL	Human	EDTA Plasma	Validated
Trospium	0.02	10	ng/mL	Human	EDTA Plasma	Validated
Ulipristal Acetate	0.3	300	ng/mL	Human	EDTA Plasma	Validated
Ursodiol (UDCA)	20	10000	ng/mL	Human	EDTA Plasma	Validated
Tauroursodeoxycholic Acid (TUDCA)	2	1000	ng/mL	Human	EDTA Plasma	Validated
Glycoursodeoxycholic Acid (GDCA)	20	10000	ng/mL	Human	EDTA Plasma	Validated
Valproic Acid	0.75	75	µg/mL	Human	EDTA Plasma	Validated
Valproic Acid	1.5	150	µg/mL	Human	EDTA Plasma	Validated
Valsartan	40	8000	ng/mL	Human	EDTA Plasma	Validated
Vardenafil	0.1	50	ng/mL	Human	EDTA Plasma	In Validation
Varenicline	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Venlafaxine	0.5	250	ng/mL	Human	EDTA Plasma	Validated
O-Desmethylvenlafaxine	1	500	ng/mL	Human	EDTA Plasma	Validated
Verapamil	1	400	ng/mL	Human	EDTA Plasma	Validated
Norverapamil	1	400	ng/mL	Human	EDTA Plasma	Validated
Vilazodone	0.25	50	ng/mL	Human	EDTA Plasma	Validated
Vildagliptin	5	500	ng/mL	Human	Heparin Plasma	In Validation
Warfarin (Chiral)	10	2000	ng/mL	Human	EDTA Plasma	Validated
R-Warfarin	10	2000	ng/mL	Human	EDTA Plasma	Validated
S-Warfarin	10	2000	ng/mL	Human	EDTA Plasma	Validated
Zanamivir	0.5	100	ng/mL	Human	EDTA Plasma	In Validation
Zidovudine (AZT)	5	5000	ng/mL	Human	EDTA Plasma	Validated
Ziprasidone	1	250	ng/mL	Human	EDTA Plasma	Validated
Zolmitriptan	0.1	20	ng/mL	Human	EDTA Plasma	Validated
N-Desmethyl Zolmitriptan	0.05	10	ng/mL	Human	EDTA Plasma	Validated
Zolpidem	1	400	ng/mL	Human	EDTA Plasma	Validated
Zonisamide	10	2000	ng/mL	Human	Serum	Validated