



Bioanalytical Method List

JUNE 2023

Anapharm Bioanalytics

Encuny 22, 2nd floor

08038 Barcelona, Spain

T. +34 93 223 86 36

info@anapharmbioanalytics.com

www.anapharmbioanalytics.com

Newly developed or recently updated methods

Compound	Platform	Calibration Range	Biological Matrix
Canagliflozin	UPLC/MS/MS	10-4000 ng/mL	Human EDTA Plasma
Clonidine	UPLC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Dapagliflozin	LC/MS/MS	0,5-200 ng/mL	Human EDTA Plasma
Edaravone	LC/MS/MS	2-7000 ng/mL	Human EDTA Plasma
Edaravone	LC/MS/MS	100-500000 ng/mL	Rabbit EDTA Plasma
Edoxaban	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Finasteride	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Loperamide	UPLC/MS/MS	10-5000 pg/mL	Human EDTA Plasma
Macitentan	LC/MS/MS	1-400 ng/mL	Human EDTA Plasma
Mirabegron	UPLC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Olodaterol	UPLC/MS/MS	0.2-50 pg/mL	Human EDTA Plasma
R(+)-Baclofen; S(-)-Baclofen	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Sacubitril; Valsartan	LC/MS/MS	5-3500 ng/mL; 10-7000 ng/mL	Human NaF/K2C2O4 Plasma
Vortioxetine	UPLC/MS/MS	25-15000 pg/mL	Human EDTA Plasma

List of bioanalytical methods

Compound	Platform	Calibration Range	Biological Matrix
Abiraterone	LC/MS/MS	0.2-100 ng/mL	Human EDTA Plasma
Abiraterone	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Abiraterone	LC/MS/MS	2-1250 ng/mL	Human EDTA Plasma
Aceclofenac	LC/MS/MS	15-15000 ng/mL	Human EDTA Plasma
Acetazolamide	LC/MS/MS	50-20000 ng/mL	Human EDTA Plasma
Acetylsalicylic Acid; Salicylic Acid	LC/MS/MS	10-5000 ng/mL; 80-20000 ng/mL	Human EDTA Plasma
Acetylsalicylic Acid; Salicylic Acid	LC/MS/MS	10-6000 ng/mL; 100-30000 ng/mL	Human EDTA Plasma
Acetylsalicylic Acid; Salicylic Acid	LC/MS/MS	10-2500 ng/mL; 100-10000 ng/mL	Human EDTA Plasma
Acetylsalicylic Acid; Salicylic Acid	LC/MS/MS	20-12000 ng/mL; 200-60000 ng/mL	Human EDTA Plasma
Acyclovir	LC/MS/MS	20-1600 pg/mL	Human EDTA Plasma
Acyclovir	LC/MS/MS	10-4000 ng/mL	Human EDTA Plasma
Acyclovir	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Adefovir	LC/MS/MS	0.1-50 ng/mL	Human EDTA Plasma
Agomelatine	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Agomelatine	LC/MS/MS	50-20000 pg/mL	Human EDTA Plasma
Alendronic Acid (Alendronate)	LC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Almotriptan	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Alprazolam	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma
Amlodipine	LC/MS/MS	50-15000 pg/mL	Human EDTA Plasma
Amlodipine	LC/MS/MS	50-7500 pg/mL	Human EDTA Plasma
Amlodipine	LC/MS/MS	50-5000 pg/mL	Human EDTA Plasma
Amoxicillin	LC/MS/MS	200-20000 ng/mL	Human EDTA Plasma
Amoxicillin	LC/MS/MS	50-10000 ng/mL	Human EDTA Plasma
Anagrelide	LC/MS/MS	50-15000 pg/mL	Human EDTA Plasma
Anagrelide	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Anastrozole	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Anidulafungin	UPLC/MS/MS	50-10000 ng/mL	Human EDTA Plasma
Anti-FIIa	Chromogenic Assay	0.035-0.5 IU/mL	Human CTAD Plasma
Anti-FXa	Chromogenic Assay	0.1-1.00 IU/mL	Human CTAD Plasma
Apixaban	LC/MS/MS	1-300 ng/mL	Human EDTA Plasma
Apixaban	LC/MS/MS	0.5-150 ng/mL	Human EDTA Plasma
Apomorphine	UPLC/MS/MS	50-100000 pg/mL	Human EDTA Plasma
Apomorphine	UPLC/MS/MS	10-2000 ng/mL	Rat Plasma
Aprepitant	LC/MS/MS	20-2000 ng/mL	Human EDTA Plasma
Aprepitant	UPLC/MS/MS	5-2000 ng/mL	Beagle Dog EDTA Plasma
Aripiprazole	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Aripiprazole	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Asenapine	UPLC/MS/MS	50-15000 pg/mL	Human EDTA Plasma
Atazavanir	LC/MS/MS	2-2000 ng/mL	Human EDTA Plasma
Atenolol	LC/MS	5-1000 ng/mL	Human Sodium Heparinized Plasma
Atomoxetine	UPLC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Atomoxetine	LC/MS/MS	2-500 ng/mL	Human EDTA plasma
Atorvastatin	LC/MS/MS	0.25-50 ng/mL	Human EDTA Plasma
Atorvastatin; o- OH- Atorvastatin; p- OH- Atorvastatin	LC/MS/MS	50-10000 pg/mL; 50-10000 pg/mL; 50-1000 pg/mL	Human EDTA Plasma
Atorvastatin; o- OH- Atorvastatin; p- OH- Atorvastatin	LC/MS/MS	50-7500 pg/mL; 50-2500 pg/mL; 50-1000 pg/mL	Human EDTA Plasma
Atorvastatin; o- OH- Atorvastatin; p- OH- Atorvastatin	UPLC/MS/MS	50-75000 pg/mL; 50-75000 pg/mL; 50-5000 pg/mL	Human EDTA Plasma
Atorvastatin; o- OH- Atorvastatin; p- OH- Atorvastatin	LC/MS/MS	0.25-75 ng/mL; 0.25-75 ng/mL; 50-5000 pg/mL	Human EDTA Plasma
Azithromycin	LC/MS/MS	5-1000 ng/mL	Human EDTA Plasma
Azithromycin	LC/MS/MS	5-1000 ng/mL	Human EDTA Plasma
Barnidipine	LC/MS/MS	20-2000 pg/mL	Human EDTA Plasma
Benznidazole	LC/MS/MS	50-3000 ng/mL	Human EDTA Plasma
Betahistine metabolite (2-pyridylacetic acid)	LC/MS/MS	2-800 ng/mL	Human EDTA Plasma
Betaxolol	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Bicalutamide	LC/MS/MS	10-1000 ng/mL	Human EDTA Plasma
Bicalutamide (R-(-) Bicalutamide; S-(+) Bicalutamide)	LC/MS/MS	1-1000ng/mL; 0.5-100 ng/mL	Human EDTA Plasma
Bicalutamide (R-(-) Bicalutamide; S-(+) Bicalutamide)	LC/MS/MS	5-1000 ng/mL; 5-200 ng/mL	Human EDTA Plasma
Bicalutamide (R-(-)Bicalutamide ; S-(+) Bicalutamide)	LC/MS/MS	1-2000 ng/mL; 0.5-200 ng/mL	Human EDTA Plasma
Bilastine	UPLC/MS/MS	1-400 ng/mL	Human Sodium Heparinized Plasma
Bisoprolol	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Bisoprolol	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Bosentan	LC/MS/MS	5-3000 ng/mL	Human EDTA Plasma
Brinzolamide	LC/MS/MS	50-10000 ng/mL	Human Whole Blood
Budesonide	LC/MS/MS	5-1000 pg/mL	Human EDTA Plasma
Buprenorphine	LC/MS/MS	3-400 pg/mL	Human EDTA Plasma
Buprenorphine; Norbuprenorphine	LC/MS/MS	5-400 pg/mL; 10-400 pg/mL	Human EDTA Plasma
Bupropion; Hydroxybupropion	LC/MS/MS	1-200 ng/mL; 1-400 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Bupropion; hydroxybupropion; erythrohydroxybupropion; threohydroxybupropion	LC/MS/MS	1-500 ng/mL; 3-1500 ng/mL; 1-100 ng/mL; 1-500 ng/mL	Human EDTA Plasma
Caffeine	LC/MS/MS	20-2000 ng/mL	Human EDTA Plasma
Canagliflozin	UPLC/MS/MS	10-4000 ng/mL	Human EDTA Plasma
Candesartan	LC/MS/MS	0.5-75 ng/mL	Human EDTA Plasma
Candesartan	LC/MS/MS	0.5-125 ng/mL	Human EDTA Plasma
Candesartan	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
Candesartan	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Cannabidiol; 7-hydroxycannabidiol; 7-Nor-7-carboxycannabidiol	UPLC/MS/MS	100 - 10000 pg/mL; 100 - 10000 pg/mL; 1000 - 100000 pg/mL	Human EDTA Plasma
Capecitabine	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Capecitabine; 5 Fluorouracil (5-FU)	LC/MS/MS	10-5000 ng/mL; 2-1000 ng/mL	Human EDTA Plasma
Capecitabine; 5'-DFCR	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Carbidopa ; Levodopa	LC/MS/MS	5-250 ng/mL; 10-2500 ng/mL	Human EDTA Plasma
Carbidopa ; Levodopa	LC/MS/MS	2-75 ng/mL; 10-750 ng/mL	Human EDTA Plasma
Carbidopa ; Levodopa	LC/MS/MS	5-300 ng/mL; 10-2500 ng/mL	Human EDTA Plasma
Carbidopa ; Levodopa	LC/MS/MS	2-100 ng/mL; 10-750 ng/mL	Human EDTA Plasma
Carbocisteine	LC/MS/MS	30-6000 ng/mL	Human EDTA Plasma
Carisoprodol; Meprobamate	LC/MS/MS	10-8000 ng/mL ; 10-8000 ng/mL	Human EDTA Plasma
Cefaclor	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma
Cefaclor	LC/MS/MS	50-25000 ng/mL	Human EDTA Plasma
Cefadroxil	LC/MS/MS	0.2-40 µg/mL	Human EDTA Plasma
Cefadroxil	LC/MS/MS	0.2-15 µg/mL	Human EDTA Plasma
Cefditoren	LC/MS/MS	30-6000 ng/mL	Human EDTA Plasma
Cefixime	LC/MS/MS	2-10000 ng/mL	Human EDTA Plasma
Cefpodoxime	LC/MS/MS	20-5000 ng/mL	Human EDTA Plasma
Celecoxib	LC/MS	10-2000 ng/mL	Human Lithium Heparinized Plasma
Cetirizine	LC/MS	2-200 ng/mL	Human EDTA Plasma
Chlorphenamine (refer to Chlorpheniramine)			
Chlorpheniramine	LC/MS/MS	0.2-25 ng/mL	Human EDTA Plasma
Chlorpheniramine (S-(+)-chlorpheniramine; R-(-)-Chlorpheniramine)	LC/MS/MS	50-10000 pg/mL; 50-5000 pg/mL	Human EDTA Plasma
Chlorthalidone	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Chlorthalidone	LC/MS/MS	10-5000 ng/mL	Human Whole Blood
Cholecalciferol (Vitamin D3)	LC/MS/MS	0.15-15 ng/mL	Human EDTA Plasma
Cholecalciferol (Vitamin D3)	LC/MS/MS	0.25-25 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Cholecalciferol (Vitamin D3)	LC/MS/MS	1-200 ng/mL	Human EDTA Plasma
Cholecalciferol (Vitamin D3); 25-Hydroxy Cholecalciferol (25-Hydroxy Vitamin D3)	LC/MS/MS	0.5-75 ng/mL ; 1-100 ng/mL	Human EDTA Plasma
Cholecalciferol (Vitamin D3); 25-Hydroxy Cholecalciferol (25-Hydroxy Vitamin D3)	LC/MS/MS	0.5-50 ng/mL ; 1-100 ng/mL	Human EDTA Plasma
Cilostazol	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Cilostazol; OPC-13015	LC/MS/MS	2-1000 ng/mL; 2-300 ng/mL	Human EDTA Plasma
Cilostazol; OPC-13015; OPC-13213	LC/MS/MS	2-2000 ng/mL; 2-600 ng/mL; 1-400 ng/mL	Human EDTA Plasma
Cinacalcet	LC/MS/MS	0.1- 50 ng/mL	Human EDTA Plasma
Cinitapride	UPLC/MS/MS	2.5-800 pg/mL	Human EDTA Plasma
Cinnarizine	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Ciprofloxacin	HPLC/FLR	20-5000 ng/mL	Human EDTA Plasma
Citalopram	LC/MS/MS	0.1-15 ng/mL	Human EDTA Plasma
Citrulline	LC/MS/MS	0.15-10 µg/mL	Human EDTA Plasma
Cizolirtine; N-Desmethylcizolirtine	LC/MS/MS	1-2000 ng/mL	Human Lithium Heparinized Plasma
Clarithromycin	LC/MS/MS	20-4000 ng/mL	Human EDTA Plasma
Clarithromycin	LC/MS/MS	50-4000 ng/mL	Human EDTA Plasma
Clavulanic acid	LC/MS	30-1500 ng/mL	Human EDTA Plasma
Clavulanic acid	LC/MS/MS	10-4000 ng/mL	Human EDTA Plasma
Clobazam	LC/MS/MS	2-500 ng/mL	Human EDTA Plasma
Clobazam; N-Desmethylclobazam	LC/MS/MS	2-750 ng/mL; 0.5-200 ng/mL	Human EDTA Plasma
Clonidine	UPLC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Clopidogrel	LC/MS/MS	5-2500 pg/mL	Human EDTA Plasma
Clopidogrel	LC/MS/MS	5-5000 pg/mL	Human EDTA Plasma
Clopidrogel	LC/MS/MS	20-10000 pg/mL	Human EDTA Plasma
Clopidrogel Carboxylic Acid	LC/MS/MS	4-4000 ng/mL	Human EDTA Plasma
Clopidrogel Carboxylic Acid	LC/MS/MS	4-3200 ng/mL	Human EDTA Plasma
Clozapine	LC/MS/MS	0.1-50 ng/mL	Human EDTA Plasma
Clozapine; N-Desmethyl Clozapine	LC/MS/MS	2-1000 ng/mL; 1-500 ng/mL	Human EDTA Plasma
Codeine	LC/MS/MS	0.5-100 ng/ mL	Human EDTA Plasma
Cortisol	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Cyclosporin A	LC/MS	5-1500 ng/mL	Human Whole Blood
Cytisine	LC/MS/MS	5-20000 pg/mL	Human EDTA Plasma
Cytisine	LC/MS/MS	0.1-40 ng/mL	Human EDTA Plasma
Dabigatran Unconjugated	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Dapagliflozin	LC/MS/MS	0,5-200 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Dasatinib	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
Dasatinib	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Deflazacort metabolite (21-OH-Deflazacort)	LCMS/MS	1-400 ng/mL	Human EDTA Plasma
Descarboethoxy Loratadine; 3-hydroxy Desloratadine	LC/MS/MS	25-5000 pg/mL; 25-2500 pg/mL	Human EDTA Plasma
Desloratadine	LCMS/MS	25-5000 pg/mL	Human EDTA Plasma
Desvenlafaxine (O-Desmethyl Venlafaxine)	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Dexamethasone	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Dexketoprofen	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Diazepam	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Diclofenac	LC/MS/MS	10-2500 ng/mL	Human EDTA Plasma
Diclofenac	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Dienogest	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Dienogest	LC/MS/MS	1-160 ng/mL	Human EDTA Plasma
Digoxin	LC/MS/MS	50-5000 pg/mL	Human Sodium Heparinized Plasma
Diltiazem	LC/MS/MS	0.5-400 ng/mL	Human Lithium Heparinized Plasma
Diltiazem; N-desmethyl Diltiazem; Desacetyl Diltiazem	LC/MS/MS	0.5-400 ng/mL; 0.5-100 ng/mL; 0.5-50 ng/mL	Human EDTA Plasma
Dimenhydrinate (Diphenhydramine)	LC/MS/MS	0.1-50 ng/mL	Human EDTA Plasma
Dimethyl fumarate (refer to Monomethyl fumarate)			
Diosmetin Total; Hesperetin Total	LC/MS/MS	60-15000 pg/mL; 100-1500 pg/mL	Human EDTA Plasma
Diosmetin-3'-O-Glucuronide	LC/MS/MS	100-60000 pg/mL	Human EDTA Plasma
Dipyridamole	LC/MS	20-4000 ng/mL	Human EDTA Plasma
Disulfiram	UPLC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Donepezil	LC/MS/MS	1-100 ng/mL	Human EDTA Plasma
Donepezil	HPLC/FLR	2-50 ng/mL	Human EDTA Plasma
Donepezil	LC/MS/MS	0.1-25 ng/mL	Human EDTA Plasma
Donepezil ((+)-Donepezil; (-)-Donepezil)	LC/MS/MS	100-10000 pg/mL ; 50-5000 pg/mL	Human Sodium Heparinized Plasma
Donepezil ((+)-Donepezil; (-)-Donepezil)	LC/MS/MS	100-20000 pg/mL; 50-10000 pg/mL	Human Sodium Heparinized Plasma
Doxylamine	LC/MS/MS	0.5-250 ng/mL	Human EDTA Plasma
Doxylamine (R-(-) Doxylamine ; S-(+) Doxylamine)	LC/MS/MS	0.25-125 ng/mL; 0.25-125 ng/mL	Human EDTA Plasma
Dronedarone ; N-Debutyl Dronedarone	LC/MS/MS	0.5-100 ng/mL; 0.5-100 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Drospirenone	LC/MS/MS	0.25-100 ng/mL	Human EDTA Plasma
Drospirenone	LC/MS/MS	0.25-100 ng/mL	Human Breast Milk
Duloxetine	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Duloxetine	LC/MS/MS	0.2-100 ng/mL	Human EDTA Plasma
Dutasteride	LC/MS/MS	50-5000 pg/mL	Human EDTA Plasma
Edaravone	LC/MS/MS	2-7000 ng/mL	Human EDTA Plasma
Edaravone	LC/MS/MS	100-500000 ng/mL	Rabbit EDTA Plasma
Edaravone	LC/MS/MS	2-7000 ng/mL	Human EDTA Plasma
Edoxaban	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Efavirenz	LC/MS/MS	20-4000 ng/mL	Human EDTA Plasma
Eletriptan; Desmethyl Eletriptan	LC/MS/MS	500-250000 pg/mL; 50-25000 pg/mL	Human EDTA Plasma
Emoxypine (2-ethyl-6-methyl-3-hydroxypyridine)	LC/MS/MS	5-5000 ng/mL	Human EDTA Plasma
Emtricitabine	LC/MS/MS	20-5000 ng/mL	Human EDTA Plasma
Enalapril; Enalaprilat	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Enalapril; Enalaprilat	LC/MS/MS	0.25-25 ng/mL	Human EDTA Plasma
Entacapone	LC/MS/MS	10-2000 ng/mL	Human EDTA Plasma
Entecavir	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Entecavir	LC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Eplerenone	LC/MS/MS	10-2500 ng/mL	Human EDTA Plasma
Eplerenone	LC/MS/MS	50-1500 ng/mL	Human EDTA Plasma
Eprosartan	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Erlotinib	LC/MS/MS	10-2000 ng/mL	Human EDTA Plasma
Erlotinib	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Escitalopram	LC/MS/MS	0.1-15 ng/mL	Human EDTA Plasma
Escitalopram	LC/MS/MS	0.2-30 ng/mL	Human EDTA Plasma
Eslicarbazepine	LC/MS/MS	50-20000 ng/mL	Human EDTA Plasma
Esomeprazole	LC/MS/MS	2-2000 ng/mL	Human EDTA Plasma
Esomeprazole	LC/MS/MS	5-3000 ng/mL	Human EDTA Plasma
Esomeprazole	LC/MS/MS	5-5000 ng/mL	Human EDTA Plasma
Estradiol (Unconjugated); Estrone (Unconjugated)	UPLC/MS/MS	2-100 pg/mL; 5-250 pg/mL	Human EDTA Plasma
Estradiol (Unconjugated); Estrone (Unconjugated)	LC/MS/MS	2.5-100 pg/mL; 5-500 pg/mL	Human EDTA Plasma
Estrone (Total)	LC/MS/MS	50-50000 pg/mL	Human EDTA Plasma
Ethinyl Estradiol	UPLC/MS/MS	1-100 pg/mL	Human EDTA Plasma
Ethinyl Estradiol; Gestodene	LC/MS/MS	2.5-250 pg/mL; 50-25000 pg/mL	Human Serum
Etodolac	HPLC-UV	0.1-20 µg/mL	Human EDTA Plasma
Etonogestrel (3-Ketodesogestrel)	LC/MS/MS	25-5000 pg/mL	Human EDTA Plasma
Etoricoxib	LC/MS/MS	10 -4000 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Exemestane	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Exemestane	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma
Exenatide	UPLC/MS/MS	30-500 pg/mL	Human EDTA Plasma
Ezetimibe (Total)	LC/MS/MS	0.14-105 ng/mL	Human EDTA Plasma
Ezetimibe (Total)	LC/MS/MS	0.2-150 ng/mL	Human EDTA Plasma
Ezetimibe (Unconjugated)	LC/MS/MS	40-10000 pg/mL	Human EDTA Plasma
Famotidine	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Febuxostat	LC/MS/MS	50-10000 ng/mL	Human EDTA Plasma
Felodipine	LC/MS/MS	20-10000 pg/mL	Human EDTA Plasma
Fenofibric Acid	LC/MS/MS	50-2500 pg/mL	Human EDTA Plasma
Fentanyl	UPLC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Fentanyl	LC/MS/MS	25-5000 pg/mL	Human EDTA Plasma
Fesoterodine (refer to Tolterodine)			
Finasteride	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Finasteride	LC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Fingolimod; Fingolimod Phosphate	LC/MS/MS	50-20000 pg/mL ; 50-20000 pg/mL	Human Whole Blood
Flecainide	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Flecainide	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
Flecainide	LC/MS/MS	1-1000 ng/mL	Human EDTA Plasma
Flopistrix; Linopristin; Linopristin Metabolite (RPR 208880)	LC/MS/MS	5-1000 ng/mL; 5-1000 ng/mL; 5-1000 ng/mL	Human Lithium Heparanized Plasma
Flopistrix; Linopristin; Linopristin Metabolite (RPR 208880)	LC/MS/MS	5-1000 ng/mL; 5-1000 ng/mL; 5-1000 ng/mL	Sodium Chloride (0,9%)
Fluoxetine	UPLC/MS/MS	1-80 ng/mL	Human EDTA Plasma
Fluoxetine	LC/MS	1-30 ng/mL	Human EDTA Plasma
Fluoxetine; Norfluoxetine	LC/MS/MS	1-30 ng/mL; 2-60 ng/mL	Human EDTA Plasma
Fluoxetine; Norfluoxetine	LC/MS/MS	0.5-20 ng/mL; 0.5-20 ng/mL	Human EDTA Plasma
Flupirtine	LC/MS/MS	2-1500 ng/mL	Human EDTA Plasma
Flupirtine	LC/MS/MS	2-800 ng/mL	Human EDTA Plasma
Fluticasone Propionate	LC/MS/MS	2-500 pg/mL	Human EDTA Plasma
Fluticasone Propionate	UPLC/MS/MS	2-250 pg/mL	Human EDTA Plasma
Fluvastatin	LC-MS/MS	2-600 ng/mL	Human Sodium Heparinized Plasma
Fluvastatin ((+)-3R,5S-Fluvastatin ; (-)-3S, 5R-Fluvastatin)	LC/MS/MS	0.5-150 ng/mL ; 0.5-150 ng/mL	Human EDTA Plasma
Fluvoxamine	LC/MS/MS	1-400 ng/mL	Human EDTA Plasma
Formoterol	LC/MS/MS	0.2-100 pg/mL	Human NaF/K2C2O4 Plasma
Fosinopril	LC/MS/MS	0.1-10 ng/ mL	Human EDTA Plasma
Fosinoprilat	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Gabapentin	LC/MS/MS	50-8000 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Gabapentin	LC/MS	50-10000 ng/mL	Human EDTA Plasma
Galanthamine (with epigalanthamine separation)	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Gestodene	LC/MS/MS	50-6250 pg/mL	Human EDTA Plasma
Glimepiride	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Glimepiride	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
GLP-1 Active (7-36), GLP-1 Inative (9-36)	MSD	12.5-2250 pg/mL; 125-22500 pg/mL	Human p800 plasma
Glyburide	LC/MS/MS	2-300 ng/mL	Human EDTA Plasma
Glycopyrronium; Indacaterol	UPLC/MS/MS	1-200 pg/mL; 2-250 pg/mL	Human NaF/K2C2O4 Plasma
Goserelin	LC/MS/MS	0.1-10 ng/mL	Human EDTA Plasma
Granisetron	LC/MS/MS	20-15000 pg/mL	Human EDTA Plasma
Haloperidol	LC/MS/MS	50-6000 pg/mL	Human EDTA Plasma
Heparin/Enoxaparin/LMWH (refer to biomarkers Anti-FXa, Anti-FIIa and TFPI)			
Hydrochlorothiazide	LC/MS/MS	1-150 ng/mL	Human EDTA Plasma
Hydrochlorothiazide	LC/MS/MS	1-300 ng/mL	Human EDTA Plasma
Ibandronic acid	LC/MS/MS	0.5-150 ng/mL	Human EDTA Plasma
Ibandronic Acid - Ibandronate	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Ibuprofen	LC/MS/MS	150-60000 ng/mL	Human EDTA Plasma
Ibuprofen	HPLC/FLR	0.15-30 ng/mL	Human EDTA Plasma
Ibuprofen	LC/MS/MS	0.15-60 ng/mL	Human EDTA Plasma
Ibuprofen	LC/MS/MS	50-1200 ng/mL	Human EDTA Plasma
Ibuprofen (R-(-)-ibuprofen; S-(+)-ibuprofen)	HPLC/FLR	0.1-20ng/mL; 0.1-20 ng/mL	Human EDTA Plasma
Ibuprofen (R-(-)-ibuprofen; S-(+)-ibuprofen)	HPLC/FLR	0.1-40ng/mL; 0.1-40 ng/mL	Human EDTA Plasma
Ibuprofen (R-(-)-ibuprofen; S-(+)-ibuprofen)	LC/MS/MS	200-40000 ng/mL; 200-40000 ng/mL	Human EDTA Plasma
Ibuprofen (R-(-)-ibuprofen; S-(+)-ibuprofen)	LC/MS/MS	100-20000 ng/mL; 100-20000 ng/mL	Human EDTA Plasma
Idebenone (Total)	LC/MS/MS	40-7500 ng/mL	Human EDTA Plasma
Idebenone (Unconjugated)	LC/MS/MS	40-50000 pg/mL	Human EDTA Plasma
Imatinib	LC/MS/MS	20-4000 ng/mL	Human EDTA Plasma
Imatinib; Desmethyl Imatinib	LC/MS/MS	20-4000 ng/mL; 2-400 ng/mL	Human EDTA Whole Blood
Imatinib; Desmethyl Imatinib	LC/MS/MS	20-4000 ng/mL; 2-400 ng/mL	Human EDTA Plasma
Indapamide	LC/MS/MS	0.5-200 ng/mL	Human EDTA Whole Blood
Indapamide	LC/MS/MS	0.25-125 ng/mL	Human EDTA Whole Blood
Irbesartan	LC/MS/MS	20-6000 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Irbesartan	HPLC/FLR	20-4000 ng/mL	Human EDTA Plasma
Irbesartan	LC/MS/MS	20-5000 ng/mL	Human EDTA Plasma
Irbesartan	LC/MS/MS	20-8000 ng/mL	Human EDTA Plasma
Irinotecan ; SN-38	LC/MS/MS	2.5-3500 ng/mL ; 05-100 ng/mL	Human EDTA Plasma
Irinotecan ; SN-38	LC/MS/MS	2.5-250 ng/mL ; 0.5-50 ng/mL	Human EDTA Plasma
Isotretinoin	LC/MS	2.5-750 ng/mL	Human EDTA Plasma
Isotretinoin	LC/MS/MS	1-300 ng/mL	Human EDTA Plasma
Isradipine	LC/MS/MS	20-5000 pg/mL	Human EDTA Plasma
Itraconazole	HPLC/FLR	2-500 ng/mL	Human EDTA Plasma
Ivabradine	LC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Ivabradine	LC/MS/MS	0.1-50 ng/mL	Human EDTA Plasma
Ivermectine B1a	LC/MS/MS	0.4-40 ng/mL	Human EDTA Plasma
Ivermectine B1a	LC/MS/MS	0.4-200 ng/mL	Human EDTA Plasma
Ivermectine B1a	LC/MS/MS	0.4-80 ng/mL	Human EDTA Plasma
Ivermectine B1b	LC/MS/MS	40-5000 pg/mL	Human EDTA Plasma
Ivermectine B1b	LC/MS/MS	40-4000 pg/mL	Human EDTA Plasma
Ketamine (refer to S-Ketamine)			
Ketoconazole	LC/MS/MS	20-1000 ng/mL	Human Sodium Heparinized Plasma
Ketoprofen	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
L-Ascorbic Acid	LC/MS/MS	100 - 25000 ng/mL	Human Lithium Heparinized Plasma
Lanreotide	UPLC/MS/MS	0.75 - 100 ng/mL	Rat Plasma
Lanreotide	UPLC/MS/MS	0.1 - 50 ng/mL	Beagle Dog Plasma
Lanreotide	UPLC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Lansoprazole	LC/MS/MS	2-2000 ng/mL	Human EDTA Plasma
Lapatinib	LC/MS/MS	0.1-10 µg/mL	Human EDTA Plasma
Leflunomide	LC-MS/MS	20-5000 pg/mL	Human EDTA Plasma
Leflunomide metabolite (A77 1726)	LC-MS/MS	40-16000 ng/mL	Human EDTA Plasma
Leflunomide metabolite (A77 1726)	LC/MS/MS	10-4000 ng/mL	Human EDTA Plasma
Lenalidomide	LC/MS/MS	2-600 ng/mL	Human EDTA Plasma
Lenalidomide	LC/MS/MS	2-600 ng/mL	Human EDTA Plasma
Lercanidipine	LC/MS/MS	25-10000 ng/mL	Human EDTA Plasma
Lercanidipine ((-)-R-Lercanidipine; (+)-S-Lercanipidine)	LC-MS/MS	25-10000 pg/mL; 50-15000 pg/mL	Human EDTA Plasma
Letrozole	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Letrozole	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Leuprolide	UPLC/MS/MS	15-4000 pg/mL	Rat EDTA Plasma
Leuprolide	UPLC/MS/MS	50-20000 pg/mL	Rat EDTA Plasma
Leuprorelin (refer to Leuprolide)			

Compound	Platform	Calibration Range	Biological Matrix
Levetiracetam	LC/MS/MS	0.2-40 µg /mL	Human EDTA Plasma
Levetiracetam	LC/MS/MS	0.1-25 µg/mL	Human EDTA plasma
Levodopa	LC/MS/MS	10-3000 ng/mL	Human EDTA Plasma
Levodopa; S-(-)-Carbidopa	LC/MS/MS	10-7500 ng/mL; 5-1000 ng/mL	Human EDTA Plasma
Levofloxacin	HPLC/FLR	100-15000 ng/mL	Human Serum
Levofloxacin	HPLC/FLR	0.2-100 ng/mL	Human Urine
Levonorgestrel	LC/MS/MS	25-7500 pg/mL	Human EDTA Plasma
Levonorgestrel	UPLC/MS/MS	25-7500 ng/mL	Human EDTA Plasma
Levonorgestrel	LC/MS/MS	250-50000 pg/mL	Human EDTA Plasma
Levonorgestrel	LC/MS/MS	25-5000 pg/mL	Human EDTA Plasma
Linagliptin	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Linezolid	LC/MS/MS	0.1-20 µg/mL	Human EDTA Plasma
Linopristin, Linopristin Metabolite (RPR 208880); Flopristin	LC/MS/MS	5-1000 ng/mL; 5-1000 ng/mL; 5-1000 ng/mL	Human Lithium Heparinized Plasma
Linopristin, Linopristin Metabolite (RPR 208880); Flopristin	LC/MS/MS	5-1000 ng/mL; 5-1000 ng/mL; 5-1000 ng/mL	Sodium Chloride (0,9%)
Lisinopril	LC/MS/MS	0.5-150 ng/mL	Human EDTA Plasma
Loperamide	UPLC/MS/MS	10-5000 pg/mL	Human EDTA Plasma
Loratadine; Descarboethoxy Loratadine	LC/MS/MS	20-20000 pg/mL; 20-20000 pg/mL	Human EDTA Plasma
Lorazepam	HPLC/MS/MS	0.5-50 ng/mL	Human EDTA Plasma
Lornoxicam	LC/MS/MS	2-2000 ng/mL	Human EDTA Plasma
Losartan	LC/MS/MS	2-800 ng/mL	Human EDTA Plasma
Losartan; Losartan Carboxy Acid	LC-MS/MS	1-1600 ng/ mL; 1-1600 ng/ mL	Human EDTA Plasma
Losartan; Losartan Carboxy Acid	LC/MS/MS	2-800 ng/mL; 2-800 ng/mL	Human EDTA Plasma
Losartan; Losartan Carboxy Acid	LC-MS/MS	1-250 ng/mL; 0.5-500 ng/mL	Human Lithium Heparinized Plasma
Losartan; Losartan Carboxy Acid	LC-MS/MS	1-200 ng/mL; 1-400 ng/mL	Human EDTA Plasma
Lurasidone	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Macitentan	LC/MS/MS	1-400 ng/mL	Human EDTA Plasma
Medroxyprogesterone Acetate	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Meloxicam	LC/MS/MS	10-15000 ng/mL	Human EDTA Plasma
Memantine	LC/MS/MS	100-20000 pg/mL; 200-40000 pg/mL	Human EDTA Plasma
Memantine	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma
Memantine	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Mercaptopurine	LC/MS/MS	1-150 ng/mL	Human EDTA Plasma
Mesalamine	LC/MS/MS	5-2000 ng/mL	Human EDTA Plasma
Mesalazine (refer to Mesalamine)			
Mesalazine	LC/MS/MS	20-12000 ng/mL	Human EDTA Plasma
Mesalazine	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Metamizole metabolite (4-methylaminoantipyrine)	LC/MS/MS	0.5-20 µg/mL	Human EDTA Plasma
Metamizole metabolite (4-methylaminoantipyrine)	LC/MS/MS	0.1-20 µg/mL	Human EDTA Plasma
Metformin	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Metformin	LC/MS/MS	2-2000 ng/mL	Human EDTA Plasma
Methocarbamol	LC/MS/MS	0.5-50 µg/mL	Human EDTA Plasma
Methotrexate	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Methyl Diethylthiocarbamate MeDDC (refer to Disulfiram)			
Methylphenidate; Ritalinic Acid	LC/MS/MS	0.1-20 ng/mL; 2-400 ng/mL	Human EDTA Plasma
Methylphenidate; Ritalinic Acid	LC/MS/MS	0.1-50 ng/mL; 2-100 ng/mL	Human EDTA Plasma
Methylprednisolone	LC/MS/MS	0.25-12.5 ng/mL	Human EDTA Plasma
Metoprolol	LC/MS/MS	0.25-100 ng/mL	Human EDTA Plasma
Metoprolol ((+)-R-Metoprolol; (-)-S-Metoprolol)	LC/MS/MS	0.1-40 ng/mL; 0.1-40 ng/mL	Human EDTA Plasma
Midazolam	LC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Mifepristone	LC/MS/MS	5-5000 ng/mL	Human EDTA Plasma
Mirabegron	UPLC/MS/MS	0.1-100 ng/mL	Human EDTA Plasma
Mirtazapine	LC/MS/MS	0.5-150 ng/mL	Human EDTA Plasma
Mirtazapine	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Misoprostol Acid	LC/MS/MS	10-400 pg/mL	Human EDTA Plasma
Misoprostol Acid	LC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Misoprostol Acid	LC/MS/MS	10-1000 pg/mL	Human EDTA Plasma
Monomethyl fumarate	UPLC/MS/MS	5 - 3000 ng/mL	Human NaF/K2C2O4 Plasma
Montelukast	LC/MS/MS	2-800 ng/mL	Human EDTA Plasma
Montelukast	LC/MS/MS	2-500 ng/mL	Human EDTA Plasma
Morphine, Morphine-3-beta-D-glucuronide; Morphine-6-beta-D-glucuronide	LC/MS/MS	0.25-50 ng/mL; 5-1000 ng/mL; 1-200 ng/mL	Human EDTA Plasma
Moxifloxacin	LC/MS/MS	10-5000 ng/mL	Human Lithium Heparinized Plasma
Mycophenolate Mofetil	LC/MS/MS	20-4000 pg/mL	Human EDTA Plasma
Mycophenolic acid	LC/MS/MS	50-20000 ng/mL	Human EDTA Plasma
N-Acetylcysteine	UPLC/MS/MS	10-2500 ng/mL	Human EDTA Plasma
N-Acetylcysteine	LC/MS/MS	50-7000 ng/mL	Human EDTA Plasma
N-Acetylcysteine	LC/MS/MS	50-3000 ng/mL	Human EDTA Plasma
N-mono-desmethyl-sibutramine; N-di-desmethyl-sibutramine	LC/MS/MS	0.1-5 ng/mL, 0.1-10 ng/mL	Human Sodium Heparinized Plasma
Nadolol	LC/MS/MS	0.5-250 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Naloxone (Unconjugated)	LC/MS/MS	1-600 ng/mL	Human EDTA Plasma
Naproxen	LC/MS/MS	200-100000 ng/mL	Human EDTA Plasma
Naratriptan	LC/MS/MS	50-25000 pg/mL	Human EDTA Plasma
Nateglinide	LC/MS/MS	50-20000 ng/mL	Human EDTA Plasma
Nateglinide	LC/MS/MS	50-10000 ng/mL	Human EDTA Plasma
Nebivolol	LC/MS/MS	20-2500 pg/mL	Human EDTA Plasma
Nebivolol	LC/MS/MS	10-7500 pg/mL	Human EDTA Plasma
Nevirapine	LC/MS	30-3000 ng/mL	Human EDTA Plasma
Nicorandil	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Nicorandil	LC/MS/MS	0.5-400 ng/mL	Human EDTA Plasma
Nicotinamide Adenine Dinucleotide; Nicotinamide Mononucleotide (NAD NMN)	LC/MS/MS	600-100000 ng/mL; 30-5000 ng/mL	Sprague Dawley rat whole blood with sodium citrate 3.2% and Sprague Dawley rat plasma with sodium citrate 3.2%
Nicotine	UPLC/MS/MS	0.4-40 ng/mL	Human EDTA Plasma
Nifedipine	LC/MS/MS	0.2-100 ng/mL	Human EDTA Plasma
Nilotinib	UPLC/MS/MS	1-750 ng/mL	Human EDTA Plasma
Nilotinib	LC/MS/MS	1-750 ng/mL	Human EDTA Plasma
Nitrofurantoin	LC/MS/MS	1-1000 ng/mL	Human EDTA Plasma
NP 031112	LC/MS/MS	2.5-1000 pg/mL	Human EDTA Plasma
NP 04113	LC/MS/MS	2.5-1000 pg/mL	Human EDTA Plasma
Octopamine	LC/MS/MS	1-30 µg/mL	Human Lithium Heparinized Plasma
Octreotide	LC/MS/MS	100-75000 pg/mL	Human EDTA Plasma
Octreotide	UPLC/MS/MS	100-75000 pg/mL	Rat Plasma
Octreotide	UPLC/MS/MS	25 - 25000 pg/mL	Rat Plasma
Olanzapine	LC/MS/MS	50-10000 pg/mL	Human EDTA Plasma
Olanzapine	LC/MS/MS	0.2-25 ng/mL	Human EDTA Plasma
Olanzapine	LC/MS/MS	0.2-50 ng/mL	Human EDTA Plasma
Olanzapine	LC/MS/MS	40-10000 pg/mL	Human EDTA Plasma
Olmesartan	LC/MS/MS	3-1500 ng/mL	Human EDTA Plasma
Olmesartan	LC/MS/MS	2.5-2500 ng/mL	Human EDTA Plasma
Olodaterol	UPLC/MS/MS	0.2-50 pg/mL	Human EDTA Plasma
Omeprazole	LC/MS/MS	5-1000 ng/mL	Human EDTA Plasma
Omeprazole	LC/MS/MS	5-2000 ng/mL	Dog Plasma
Ondasetron	LC/MS/MS	0.25-100 ng/mL	Human EDTA Plasma
Ondasetron	LC/MS	100-1000 ng/mL	Human Lithium Heparinized Plasma
Opipramol	LC/MS/MS	0.1-40 µg/mL	Human EDTA Plasma
Orlistat	LC/MS/MS	10-4000 pg/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Orlistat M1	LC/MS/MS	100-40000 pg/mL	Human EDTA Plasma
Oxcarbazepine	LC/MS/MS	5-2500 ng/mL	Human EDTA Plasma
Oxcarbazepine; 10-Hydroxycarbamazepine	LC/MS/MS	5-2500 ng/mL; 30-15000 ng/mL	Human EDTA Plasma
Oxycodone	LC/MS/MS	100-20000 pg/mL	Human EDTA Plasma
Oxycodone	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Oxycodone	LC/MS/MS	0.5-150 ng/mL	Human EDTA Plasma
Paliperidone ((-) Paliperidone; (+) Paliperidone)	LC/MS/MS	50-10000 pg/mL; 50-10000 pg/mL	Human EDTA Plasma
Paliperidone (9-OH Risperidone)	LC/MS/MS	100-50000 pg/mL	Human EDTA Plasma
Paliperidone (9-OH Risperidone)	LC/MS/MS	100-15000 pg/mL	Human EDTA Plasma
Paliperidone (9-OH Risperidone)	LC/MS/MS	100-15000 pg/mL	Beagle Dog EDTA Plasma
Pantoprazole	LC/UV	10-2000 ng/mL	Human EDTA Plasma
Pantoprazole	LC/MS/MS	20-2000 ng/mL	Human EDTA Plasma
Paracetamol/Acetaminophen	LC/MS/MS	0.15-20 µg/mL	Human EDTA Plasma
Paracetamol/Acetaminophen	LC/MS/MS	0.15-15 µg/mL	Human EDTA Plasma
Paricalcitol	LC/MS/MS	5-250 pg/mL	Human EDTA Plasma
Paricalcitol	LC/MS/MS	10-1000 pg/mL	Human EDTA Plasma
Paroxetine	UPLC/MS/MS	100-50000 pg/mL	Human EDTA Plasma
Pentoxifyline; Metabolite I; Metabolite V	LC/MS/MS	1-500 ng/mL; 2-1000 ng/mL; 3-1500 ng/mL	Human EDTA Plasma
Perindopril	LC/MS/MS	400-200000 pg/mL	Human EDTA Plasma
Perindopril; Perindoprilat	LC/MS/MS	0.4-160 ng/mL ; 0.1-40 ng/mL	Human EDTA Plasma
Perindopril; Perindoprilat	LC/MS/MS	200-80000 pg/mL ; 50-20000 pg/mL	Human EDTA Plasma
Phenylephrine	LC/MS/MS	10-2000 pg/mL	Human EDTA Plasma
Pioglitazone	LC/MS/MS	2-750 ng/mL	Human EDTA Plasma
Pioglitazone, Hydroxy pioglitazone; Ketopioglitazone	LC/MS/MS	10-2000 ng/mL ; 10-1000 ng/mL ; 2-400 ng/mL	Human EDTA Plasma
Pioglitazone; Hydropioglitazone	LC/MS/MS	10-2000 ng/mL; 10-1000 ng/mL	Human EDTA Plasma
Pioglitazone; Hydropioglitazone	LC/MS/MS	10-3000 ng/mL; 10-1500 ng/mL	Human EDTA Plasma
Piracetam	LC/MS/MS	0.5-50 µg/mL	Human EDTA Plasma
Pirlindole	LC/MS/MS	0.5-500 ng/mL	Human EDTA Plasma
Pirlindole (R-(-)Pirlindole; S-(+)Pirlindole)	LC/MS/MS	0.25-200 ng/mL; 0.25-200 ng/mL	Rat EDTA Plasma
Pitavastatin	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Pomalidomide	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Pramipexole	LC/MS/MS	10-1000 pg/mL	Human EDTA Plasma
Pramipexole	LC/MS/MS	50-5000 pg/mL	Human EDTA Plasma
Pramipexole	LC/MS/MS	40-4000 pg/mL	Human EDTA Plasma
Prasugrel metabolite R-95913	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Pravastatin	LC/MS/MS	0.4-200 ng/mL	Human EDTA Plasma
Pravastatin; 3- α -Hydroxy Pravastatin	LC/MS/MS	0.25-100 ng/mL; 0.25-100 ng/mL	Human EDTA Plasma
Prednisolone	LC/MS/MS	1-100 ng/mL	Rat Sodium Heparinized Plasma
Prednisone; Prednisolone	LC/MS/MS	1-50 ng/mL; 5-250 ng/ mL	Human EDTA Plasma
Pregabalin	LC/MS/MS	5-2500 ng/mL	Human EDTA Plasma
Pregabalin	LC/MS/MS	30-15000 ng/mL	Human EDTA Plasma
Progesterone	LC/MS/MS	50-30000 pg/mL	Human EDTA Plasma
Progesterone	LC/MS/MS	100-30000 pg/mL	Human EDTA Plasma
Propofol	LC/MS	5-3000 ng/mL	Human EDTA Whole Blood
Pseudoephedrine	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
Pseudoephedrine (S,S(+)-Pseudoephedrine)	LC/MS/MS	1-1000 ng/mL	Human EDTA Plasma
Pseudoephedrine (S,S(+)-Pseudoephedrine)	LC/MS/MS	1-300 ng/mL	Human EDTA Plasma
Pyridoxine (Vitamin B6); Pyridoxal; Pyridoxal 5-phosphate	LC/MS/MS	0.2-100 ng/mL; 1-250 ng/mL; 0.5-150 ng/mL	Human EDTA Plasma
Quetiapine	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Quetiapine	LC/MS/MS	1-1000 ng/mL	Human EDTA Plasma
Quetiapine	LC/MS/MS	0.5-125 ng/mL	Human EDTA Plasma
Quetiapine	LC/MS/MS	2-1500 ng/mL	Human EDTA Plasma
R-95913 (Prasugrel metabolite)	LC/MS/MS	0.5-100 ng/mL	Human EDTA Plasma
Bicalutamide (R-(-)Bicalutamide)	LC/MS/MS	4-2000 ng/mL	Human EDTA Plasma
R(+)-Baclofen; S(-)-Baclofen	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Rabeprazole	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Racecadotril (refer to Thiorphan)			
Raloxifene	LC/MS/MS	10-1000 pg/mL	Human EDTA Plasma
Raloxifene-4-glucuronide; Raloxifene-6-glucuronide	LC/MS/MS	0.6-150 ng/mL; 0.3-75 ng/mL	Human EDTA Plasma
Ramipril	LC/MS/MS	0.1-30 ng/mL	Human EDTA Plasma
Ramipril	LC/MS/MS	0.2-80 ng/mL	Human EDTA Plasma
Ramipril; Furosemide	UPLC/MS/MS	200-80000 pg/mL; 2-800 ng/mL	Human EDTA Plasma
Ramipril; Ramiprilat	LC/MS/MS	0.2-50 ng/mL ; 0.2-50 ng/mL	Human EDTA Plasma
Ramipril; Ramiprilat	UPLC/MS/MS	0.2-80 ng/mL; 0.2-80 ng/mL	Human EDTA Plasma
Ranitidine	LC/MS/MS	4-1600 ng/mL	Human EDTA Plasma
Rasagiline	LC/MS/MS	10-10000 pg/mL	Human EDTA Plasma
Repaglinide	LC/MS/MS	0.1-50 ng/mL	Human EDTA Plasma
Rhein (Diacerein metabolite)	LC/MS/MS	50-5000 ng/mL	Human EDTA Plasma
Riluzole	LC/MS/MS	1-1000 ng/mL	Human EDTA Plasma
Risedronic Acid	LC/MS/MS	0.2-16 ng/mL	Human EDTA Plasma
Risedronic Acid	LC/MS/MS	0.2-50 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Risedronic Acid	LC/MS/MS	0.2-50 ng/mL	Human Sodium Heparinized Plasma
Risperidone; 9-OH-Risperidone	LC/MS/MS	100-20000 pg/mL; 100-20000 pg/mL	Human EDTA Plasma
Risperidone; 9-OH-Risperidone	LC/MS/MS	0.25-125 ng/mL ; 1-250 ng/mL	Beagle Dog EDTA Plasma
Risperidone; 9-OH-Risperidone	LC/MS/MS	0.1-30 ng/mL ; 0.1-15 ng/mL	Human EDTA Plasma
Rivaroxaban	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Rivaroxaban	LC/MS/MS	0.5-500 ng/mL	Human EDTA Plasma
Rivastigmine	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma
Rivastigmine	LC/MS/MS	40-4000 pg/mL	Human EDTA Plasma
Rivastigmine	LC/MS/MS	0.2-20 ng/mL	Human EDTA Plasma
Rivastigmine	LC/MS/MS	0.1-10 ng/mL	Human EDTA Plasma
Rivastigmine; NAP 226-90	LC/MS/MS	50-15000 pg/mL ; 25-7500 pg/mL	Human EDTA Plasma
Rivastigmine; NAP 226-90	LC/MS/MS	400-30000 pg/mL ; 400-30000 pg/mL	Human EDTA Plasma
Rizatriptan	LC/MS/MS	0.1-40 ng/mL	Human EDTA Plasma
Ropinirole	LC/MS/MS	100-2000 pg/mL	Human EDTA Plasma
Ropinirole	LC/MS/MS	5-1000 pg/mL	Human EDTA Plasma
Rosiglitazone	LC/MS/MS	2-900 ng/mL	Human EDTA Plasma
Rosiglitazone	LC/MS/MS	1-400 ng/mL	Human EDTA Plasma
Rosuvastatin	LC/MS/MS	50-25000 pg/mL	Human EDTA Plasma
Rosuvastatin	LC/MS/MS	20-8000 pg/mL	Human EDTA Plasma
Rosuvastatin	LC/MS/MS	80-4000 pg/mL	Human EDTA Plasma
Rupatadine	LC/MS/MS	25-5000 pg/mL	Human EDTA Plasma
S-Ketamine ; S-Norketamine	UPLC/MS/MS	0.25-250 ng/mL; 0.25-250 ng/mL	Human EDTA Plasma
Sacubitril; Valsartan	LC/MS/MS	5-3500 ng/mL; 10-7000 ng/mL	Human NaF/K2C2O4 Plasma
Salmeterol	UPLC/MS/MS	2-250 pg/mL	Human EDTA Plasma
Salmeterol	UPLC/MS/MS	1-300 pg/mL	Human EDTA Plasma
Sibutramine (R(+)-Sibutramine ; S(-)-Sibutramine)	LC/MS/MS	15-12500 pg/mL ; 50-12500 pg/mL	Human Sodium Heparinized Plasma
Sibutramine (R(+)-Sibutramine ; S(-)-Sibutramine)	LC/MS/MS	15-7500 pg/mL ; 15-3000 pg/mL	Human Sodium Heparinized Plasma
Sildenafil	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Sildenafil	LC/MS/MS	2-500 ng/mL	Human EDTA Plasma
Sildenafil; desmethyl Sildenafil	LC/MS/MS	2-500 ng/mL; 1-250 ng/mL	Human EDTA Plasma
Silodosin	LC/MS/MS	0.2 - 100 ng/mL	Human EDTA Plasma
Silodosin	UPLC/MS/MS	0.2-100 ng/mL	Human EDTA Plasma
Silodosin Glucuronide	UPLC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Simvastatin	LC/MS/MS	50-5000 pg/mL	Human EDTA Plasma
Simvastatin	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Simvastatin	LC/MS/MS	0.2-40 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Simvastatin; b-Hydroxy Acid Simvastatin	LC/MS/MS	0.2-40 ng/mL; 0.2-10 ng/mL	Human EDTA Plasma
Simvastatin; b-Hydroxy Acid Simvastatin	LC/MS/MS	0.1-20 ng/mL ; 0.1-5 ng/mL	Human EDTA Plasma
Sitagliptin	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Solifenacin	LC/MS/MS	0.1-30 ng/mL	Human EDTA Plasma
Solifenacin	LC/MS/MS	0.1-15 ng/mL	Human EDTA Plasma
Solifenacin	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Sorafenib	UPLC/MS/MS	5-5000 ng/mL	Human EDTA Plasma
Spironolactone; Canrenone	UPLC/MS/MS	0.5-100 ng/mL; 1-200 ng/mL	Human EDTA Plasma
Sumatriptan	LC/MS/MS	1-100 ng/mL	Human EDTA Plasma
Sunitinib	LC/MS/MS	0.25-100 ng/mL	Human EDTA Plasma
Tacrolimus	LC/MS/MS	0.25-20 ng/mL	Human EDTA Whole Blood
Tacrolimus	LC/MS/MS	0.25-50 ng/mL	Human EDTA Whole Blood
Tacrolimus	LC/MS/MS	50-50000 pg/mL	Human EDTA Whole Blood
Tadalafil	LC/MS/MS	1-200 ng/mL	Human EDTA Plasma
Tadalafil	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Tadalafil	LC/MS/MS	5-1000 ng/mL	Human EDTA Plasma
Tamoxifen Isomers E and Z	UPLC/MS/MS	1.25-250 ng/g	Rat muscle
Tamoxifen; N-Desmethyl Tamoxifen	LC/MS/MS	0.5-50 ng/mL; 0.5-25 ng/mL	Human EDTA Plasma.
Tamsulosin	LC/MS/MS	100-25000 pg/mL	Human EDTA Plasma
Tamsulosin	LC/MS/MS	0.15-30 ng/mL	Human EDTA Plasma
Telmisartan	LC/MS/MS	1-1500 ng/mL	Human EDTA Plasma
Telmisartan	LC/MS/MS	0.5-200 ng/mL	Human EDTA Plasma
Temozolomide	UPLC/MS/MS	100-25000 ng/mL	Human EDTA Plasma
Temozolomide	LC/MS/MS	0.1-25 µg/mL	Human EDTA Plasma
Tenofovir	LC/MS/MS	5-750 ng/mL	Human Serum
Terbinafine	LC/MS/MS	10-5000 ng/mL	Diluted Digested Human Nail Clippings
Teriflunomide (refer to Leflunomide Metabolite)			
Testosterone	LC/MS/MS	0.1-20 ng/mL	Human Serum
Tetrahydrocannabinol; 11-Hydroxy- Tetrahydrocannabinol; Cannabidiol	LC/MS/MS	0.2-20 ng/mL; 0.2-20 ng/mL; 0.1-10 ng/mL	Human EDTA Plasma.
TFPI	ELISA	31.3-2000 pg/mL	Human Citrate Plasma
THC; OH-THC; CBD	LC/MS/MS	0.2-20 ng/mL; 0.2-20 ng/mL; 0.1-10 ng/mL	Human EDTA Plasma
Thiorphan (Racecadotril)	LC/MS/MS	1-250 ng/mL	Human EDTA Plasma
Tiagabine	LC/MS/MS	0.5-1000 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Tianeptine; Tianeptine MC5 Metabolite	LC/MS/MS	5-500 ng/mL; 2.5-250 ng/mL	Human Sodium Heparinized Plasma
Tibolone	LC/MS/MS	100-5000 pg/mL	Human EDTA Plasma.
Ticagrelor	LC/MS/MS	2-1000 ng/mL	Human EDTA Plasma
Ticagrelor; Deshydroxyethoxy Ticagrelor	UPLC/MS/MS	2-1000 ng/mL; 0.5-250 ng/mL	Human EDTA Plasma
Tiotropium	LC/MS/MS	0.5-100 pg/mL	Human EDTA Plasma
Tiotropium	UPLC/MS/MS	0.2-50 pg/mL	Human EDTA Plasma
Tolterodine; 5-hydroxymethyl Tolterodine	LC/MS/MS	20-4000 pg/mL; 20-4000 pg/mL	Human EDTA Plasma.
Tolterodine; 5-hydroxymethyl Tolterodine	LC/MS/MS	50-10000 pg/mL; 50-10000 pg/mL	Human EDTA Plasma.
Topiramate	LC/MS/MS	10-1000 ng/mL	Human EDTA Plasma
Topiramate	LC/MS/MS	20-4000 ng/mL	Human EDTA Plasma
Torasemide	HPLC-UV	10-3000 ng/mL	Human Plasma
Torasemide	LC/MS/MS	10-5000 ng/mL	Human EDTA Plasma
Torseamide	LC/MS/MS	50-20000 ng/mL	Human EDTA Plasma
Tramadol; O-desmethyltramadol	LC/MS/MS	1-500 ng/mL; 0.5-150 ng/mL	Human EDTA Plasma
Trandolapril; Trandolaprilat	LC/MS/MS	50-5000 pg/mL; 200-10000 pg/mL	Human EDTA Plasma
Trazodone	LC/MS/MS	10-2400 ng/mL	Human EDTA Plasma
Tretinoin	LC/MS/MS	1-150 ng/mL	Human EDTA Plasma
Triamcinolone Acetonide	LC-MS/MS	100-8000 pg/mL	Human EDTA Plasma
Trimetazidine	LC-MS/MS	1-100 ng/mL	Human EDTA Plasma
Ursodiol, Glycoursodeoxycholic Acid; Tauroursodeoxycholic Acid	UPLC/MS/MS	10-10000 ng/mL, 10-10000 ng/mL; 0.5-250 ng/mL	Human EDTA Plasma
Ursodiol, Glycoursodeoxycholic Acid; Tauroursodeoxycholic Acid	LC/MS/MS	6-6000 ng/mL, 12-6000 ng/mL; 0.5-250 ng/mL	Human EDTA Plasma
Valacyclovir	LC/MS/MS	1-400 ng/mL	Human EDTA Plasma
Valganciclovir ; Ganciclovir	UPLC/MS/MS	2-700 ng/mL; 50-10000 ng/mL	Human EDTA Plasma
Valproic Acid	LC/MS/MS	0.5-75 µg/mL	Human EDTA Plasma
Valsartan	LC-MS/MS	20-5000 ng/mL	Human EDTA Plasma
Valsartan	LC/MS/MS	20-10000 ng/mL	Human EDTA Plasma
Valsartan	LC/MS/MS	30-15000 ng/mL	Human EDTA Plasma
Valsartan	LC/MS/MS	20-7500 ng/mL	Human EDTA Plasma
Vardenafil	LC/MS/MS	0.1-20 ng/mL	Human EDTA Plasma
Venlafaxine; O-desmethylvenlafaxine	LC/MS/MS	0.5-75 ng/mL; 1-200 ng/mL	Human EDTA Plasma
Venlafaxine; O-desmethylvenlafaxine	LC/MS/MS	1-150 ng/mL; 2-200 ng/mL	Human EDTA Plasma
Venlafaxine; O-desmethylvenlafaxine	LC/MS/MS	5-200 ng/mL; 5-400 ng/mL	Human EDTA Plasma
Venlafaxine; O-desmethylvenlafaxine	LC-MS/MS	1-200 ng/mL; 3-300 ng/mL	Human EDTA Plasma
Verapamil ; Norverapamil	LC/MS/MS	1-500 ng/mL; 1-500 ng/mL	Human EDTA Plasma

Compound	Platform	Calibration Range	Biological Matrix
Vildagliptin	LC/MS/MS	1-500 ng/mL	Human EDTA Plasma
Voriconazole	LC/MS/MS	5-2000 ng/mL	Human EDTA Plasma
Vortioxetine	UPLC/MS/MS	25-15000 pg/mL	Human EDTA Plasma
Vortioxetine	UPLC/MS/MS	25-5000 pg/mL	Human EDTA Plasma
Warfarin	HPLC/FLR	20-1500 ng/mL	Human EDTA Plasma
Warfarin (R-(+) Warfarin, S-(-)-Warfarin)	LC/MS/MS	50-7500 pg/mL; 50-3000 pg/mL	Human Sodium Heparinized Plasma
Warfarin (R-(+) Warfarin, S-(-)-Warfarin)	LC/MS/MS	50-12500 pg/mL; 50-12500 pg/mL	Human Sodium Heparinized Plasma
Warfarin (R-(+) Warfarin, S-(-)-Warfarin)	LC/MS/MS	10-2000 ng/mL	Human EDTA Plasma
Ziprasidone	LC/MS	0.5-100 ng/mL	Human EDTA Plasma
Zoledronic Acid	LC/MS/MS	5-5000 ng/mL	Human Urine
Zolmitriptan; N-desmethylozmilriptan	LC/MS/MS	100-20000 pg/mL; 50-10000 pg/mL	Human EDTA Plasma
Zolpidem	LC/MS/MS	0.25-62.5 ng/mL	Human EDTA Plasma
Zonisamide	LC/MS/MS	10-3000 ng/mL	Human Serum
Zonisamide	LC/MS/MS	10-2000 ng/mL	Human Serum