ALTASCIENCES

ASSAY LIST

October 2025

Altasciences' assay list contains proprietary, validated assays suitable for regulated bioanalysis of small molecules, biotherapeutics, and biomarkers.

In addition, our custom assay services include substantial experience for development, optimization, and validation of sponsor-specific assays, specifically small molecule and biotherapeutic bioanalysis, immunogenicity testing, and biomarkers using ligand binding platforms and mass spectrometry.

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Flow Cytometry Panel

Panel	Cell Population	Method Status	Assay Type	Species	Matrix	Volume/ Cell Count
		Qualified/Screening		Human	Whole blood	
CD45/CD3/CD4/CD8/CD20/CD159a/CD14/HLA-DR/CD11c	total T cells, CD4+ and CD8+ T cells, B cells, NK cells, NK T cells, monocytes, and dendritic cells (DC)	Validated	Immunophenotyping (IPT)	Monkey	Blood	0.1 mL
CD45/CD3/CD4/CD8/CD20/CD159a/CD14/HLA-DR/CD11c/CD28/CD95	total T cells, CD4+ and CD8+ T cells, B cells, NK cells, NK T cells, monocytes, and dendritic cells (DC), naïve/effector memory/central memory T cell subsets	Validated	Immunophenotyping (IPT)	Monkey	Blood	0.1 mL
CD45/CD3/CD4/CD8/CD20/CD159a/CD14/HLA-DR/CD11c/CD25/CD127/CD69	total T cells, CD4+ and CD8+ T cells, B cells, NK cells, NK T cells, monocytes, and dendritic cells (DC), T cells, activated NK cells, activated NK T cells, T regulatory cells	Validated	Immunophenotyping (IPT)	Monkey	Blood	0.1 mL
CD45/CD3/CD4/CD8/CD20/CD159a/CD14/HLA-DR/CD11c/CD28/CD95/CD25/CD127/CD69	total T cells, CD4+ and CD8+ T cells, B cells, NK cells, NK T cells, monocytes, dendritic cells (DC), naïve/effector memory/central memory T cell subsets + activated T cells, activated NK cells, activated NK T cells, T regulatory cells	Validated	Immunophenotyping (IPT)	Monkey	Blood	0.1 mL
CD3/CD4/CD8/CD19/CD20/CD21/CD27/CD38/CD40/CD138/CD159a	Total T cells, Helper T cells, Cytotoxic T cells, NK cells, B cells, and B cell subsets	Validated	Immunophenotyping (IPT)	Monkey	Blood	0.25 mL
CD3/CD4/CD8/CD21/CD335	Total T cells, Helper T cells, Cytotoxic T cells,B cells, NK Cells and γδ T cells	Validated	Immunophenotyping (IPT)(absolute count)	Mini-pig	Blood	0.1 mL
CD3/CD4/CD8/CD14/CD16/CD19/CD45/CD56/CCR7/HLA-DR/Viability	T Cells, B Cells, total NK and NK subsets, NKT, total monocytes and classical monocytes	Validated	Immunophenotyping (IPT)(absolute count)	Human	Blood	0.05 mL
T Cells, B Cells, NK, Monocytes	CD45, CD14, CD16, CD19, CD56, CD3, CD4, CD8, Viable	Qualified/Screening	Immunophenotyping (IPT)(absolute count)	Human	Whole blood	0.05 mL
Lymphocytes, Monocytes	CD45/Viable	Validated	Receptor Occupancy (RO)	Human	Whole blood	0.1 mL

Method Status: Validated - Biomarker

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
2-HPMA	Biomarker	Human	Urine	MS/MS 6500+ and Selexion DMS	2.5 - 750 ng/mL
3-HPMA	Biomarker	Human	Urine	MS/MS 6500+ and Selexion DMS	25 - 7500 ng/mL
3-HMPMA	Biomarker	Human	Urine	MS/MS 5000	10 - 6000 ng/mL
8-Hydroxy-2-deoxyguanosine	Biomarker	Human	Urine	LBA-ELISA-Biotek	35.6 - 612 ng/mL
Butyrylcholinesterase	Biomarker	Human	Plasma	LBA-fluorometric	0.3 - 20 mU/mL
Complement Bb	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	33 - 836 ng/mL
C4d	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	0.022 - µg/mL
CEMA (2-cyanoethylmercapturic acid)	Biomarker	Human	Urine	MS/MS 5000	0.2 - 200 ng/mL

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Method Status: Validated - Biomarker

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Ceruloplasmin	Biomarker	Human	Serum	LBA-ELISA-Biotek	2 - 75 ng/mL
Ceruloplasmin Ferroxidase Activity	Biomarker	Human	Serum	LBA-Colorimetric-Biotek	125 - 1000 mU/mL
Complement C3a	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	23 - 2531 pg/mL
Complement Bb	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	75 - 660 ng/mL
SC5b-9	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	8.8 - 170 ng/mL
Complement C3a	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	50 - 5170 pg/mL
Cotinine	Biomarker	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
C-Reactive protein (CRP)	Biomarker	Human	Plasma	LBA-ELISA-Biotek	1.529 - 49 µIU/mL
Creatinine	Biomarker	Human	Urine	LBA-Spectrophotometric-Biotek	0.2 - 20 mg/dL
IFN-γ (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	0.376 - 274 ng/mL
IL-10 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	49.52 - 36100 pg/mL
IL-12/IL-23p40 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	0.283 - 206 ng/mL
IL-1β (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	49.79 - 36300 pg/mL
IL-2 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	27.85 - 20300 pg/mL
IL-4 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	27.98 - 20400 pg/mL
IL-6 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	28.26 - 20600 pg/mL
IL-8 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	27.57 - 20100 pg/mL
MCP-1 (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	75.17 - 54800 pg/mL
TNF-α (panel 1)	Biomarker	Monkey	Serum	LBA-Electrochemiluminescence	50.07 - 36500 pg/mL
Endothelin-1	Biomarker	Human	Plasma	LBA-ELISA-Biotek	0.5 - 12.50 pg/mL
Endothelin-1	Biomarker	Human	Plasma	LBA-ELISA-Biotek	0.5 - 12.5 pg/mL
Glucagon	Biomarker	Human	Plasma	MS/MS 5000	10 - 500 pg/mL
Glucagon	Biomarker	Human	Plasma	LBA-ELISA	5 - 250 pg/mL
Glutathione (total)	Biomarker	Human	Plasma	LBA-Colorimetric-Biotek	1.003 - 13.00 µM
Heparin	Biomarker	Human	Plasma	LBA-Chromogenic-Biotek	0.05 - 1.2 IU/mL
Interleukin-1 Beta	Biomarker	Human	Urine	LBA-ELISA-MSD	20 - 7500 IU/dL
Interleukin-6 (IL-6)	Biomarker	Human	Serum	LBA-ELISA-MSD	0.644 - 170.7 pg/mL
TNF-α	Biomarker	Human	Serum	LBA-ELISA-MSD	0.61 - 80 pg/mL
Lipid Peroxidation (Thiobarbituric Acid Reactive Substances (TBARS))	Biomarker	Human	Urine	LBA-Spectrophotometric-Biotek	260 - 16700 nM
Magnesium	Biomarker	Human	Serum	LBA-colorimetric-Biotek	0.6 - 5 mg/dL
Nicotine (nicotine equivalents)	Biomarker	Human	Urine	MS/MS 5000	10 - 10000 ng/mL
[Cotinine]	Biomarker	Human	Urine	MS/MS 5000	10 - 5000 ng/mL
[Cotinine-N-glucuronide]	Biomarker	Human	Urine	MS/MS 5000	20 - 10000 ng/mL
[Nicotine-N-glucuronide]	Biomarker	Human	Urine	MS/MS 5000	10 - 5000 ng/mL
[trans-3'-Hydroxycotinine]	Biomarker	Human	Urine	MS/MS 5000	10 - 10000 ng/mL
[trans-3'-Hydroxycotinine-O-glucuronide]	Biomarker	Human	Urine	MS/MS 5000	50 - 15000 ng/mL
NNAL (total)	Biomarker	Human	Urine	MS/MS 6500+ and Selexion DMS	5 - 1000 pg/mL
NNN (N'-Nitrosonornicotine) (total)	Biomarker	Human	Urine	MS/MS 6500+ and Selexion DMS	0.2 - 200 pg/mL
Omega-3 ethyl esters (DHA ethyl ester)	Biomarker	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Omega-3 ethyl esters (EPA ethyl ester)	Biomarker	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL

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Method Status: Validated - Biomarker

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Omega-3 free (unconjugated DHA)	Biomarker	Human	Plasma	MS/MS 5000	40 - 2500 ng/mL
Omega-3 free (unconjugated EPA)	Biomarker	Human	Plasma	MS/MS 5000	10 - 1000 ng/mL
Omega-3 total (total DHA)	Biomarker	Human	Plasma	MS/MS 5000	10 - 200 µg/mL
Omega-3 total (total EPA)	Biomarker	Human	Plasma	MS/MS 5000	2 - 200 µg/mL
Omega-3 total (total DHA)	Biomarker	Dog	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total DHA) Mouse	Biomarker	Mouse	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total EPA) Mouse	Biomarker	Mouse	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total EPA)	Biomarker	Dog	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total ALA, alpha-linolenic acid)	Biomarker	Human	Plasma	MS/MS 5500	5 - 200 µg/mL
Omega-3 total (total DPA, docosapentaenoic acid)	Biomarker	Human	Plasma	MS/MS 5500	5 - 100 µg/mL
Omega-3 total (total DHA)	Biomarker	Rabbit	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total EPA)	Biomarker	Rabbit	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total DHA)	Biomarker	Rat	Plasma	MS/MS 5000	2 - 400 µg/mL
Omega-3 total (total EPA)	Biomarker	Rat	Plasma	MS/MS 5000	2 - 400 µg/mL
Protein carbonyl	Biomarker	Human	Serum	LBA-ELISA-Biotek	0.375 - 6 nmol/mg
SC5b-9	Biomarker	Monkey	Plasma	LBA-ELISA-Synergy	8.8 - 170 ng/mL
Sex Hormone Binding Globulin (SHBG)	Biomarker	Human	Serum	LBA-ELISA-Biotek	62.5 - 2000 pmol/L
Superoxide Dismutase Activity	Biomarker	Human	Serum	LBA-Spectrophotometric-Biotek	115 - 1150 U/L
Testosterone	Biomarker	Human	Serum	MS/MS 5000	25 - 12500 pg/mL
[Dihydrotestosterone]	Biomarker	Human	Serum	MS/MS 5000	10 - 5000 pg/mL
Total Antioxidant Capacity (Trolox)	Biomarker	Human	Serum	LBA-Spectrophotometric-Biotek	20 - 200 µM
trans-3'-Hydroxycotinine	Biomarker	Human	Plasma	MS/MS 5000	1 - 500 ng/mL

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Method Status: Validated - Biotherapeutics

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Anti CO 5122 Antibodies	Biotherapeutic	Human	Serum	LBA-ELISA-Biotek	365 - 2000 ng/mL
Semaglutide	Biotherapeutic	Human	Plasma	MS/MS 6500Plus	0.5 - 100 ng/mL
Albumin	Biotherapeutic	Human	Serum	LBA-Colorimetric-Biotek	7.5 - 50 mg/mL
Exenatide	Biotherapeutic	Human	Plasma	MS/MS 5000	10 - 2000 pg/mL
Exenatide	Biotherapeutic	Human	Plasma	MS/MS 5000	20 - 2000 pg/mL
Exenatide	Biotherapeutic	Rat	Plasma	MS/MS 5000	0.1 - 20 ng/mL
Glucagon	Biotherapeutic	Human	Plasma	MS/MS 5000	0.1 - 10 ng/mL
Glucagon	Biotherapeutic	Human	Plasma	MS/MS 5000	10 - 500 pg/mL
Glucagon	Biotherapeutic	Rat	Plasma	MS/MS 5000	0.2 - 40 ng/mL
Glucagon	Biotherapeutic	Mini-pig	Plasma	MS/MS 5000	0.2 - 40 ng/mL
Glucagon	Biotherapeutic	Rat	Plasma	MS/MS 5000	0.4 - 40 ng/mL
Glucagon	Biotherapeutic	Human	Plasma	MS/MS 5000	0.1 - 10 ng/mL
Insulin glargine	Biotherapeutic	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
[Insulin glargine M1]	Biotherapeutic	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
[Insulin glargine M2]	Biotherapeutic	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
Lanreotide	Biotherapeutic	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Octreotide	Biotherapeutic	Human	Plasma	MS/MS 5500	25 - 25000 pg/mL
Pembrolizumab	Biotherapeutic	Human	Serum	LBA-ELISA	3 - 52 µg/mL
Protein concentration	Biotherapeutic	Human	Serum	LBA-ELISA-Biotek	50 - 2000 µg/mL
Rituximab	Biotherapeutic	Human	Plasma	MS/MS 5000	4 - 400 µg/mL
Tirzepatide	Biotherapeutic	Human	Plasma	MS/MS 6500Plus	3 - 2500 ng/mL
Total protein BCA	Biotherapeutic	Nap	nap	LBA-Colorimetric	50 - 2000 µg/mL

Method Status: Validated - Small Molecules

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
(1S,2S)-(+)-Pseudoephedrine	Small Molecule	Human	Plasma	MS/MS 3000	2 - 600 ng/mL
Doxepin (E)	Small Molecule	Human	Plasma	MS/MS 5500	0.1 - 50 ng/mL
Doxepin (Z)	Small Molecule	Human	Plasma	MS/MS 5500	10 - 10000 pg/mL
1,3-Propanediol	Small Molecule	Rat	Plasma	MS/MS 5000	0.2 - 100 µg/mL
3-Ketodesogestrel (after desogestrel administration)	Small Molecule	Human	Plasma (Female)	MS/MS 5000	25 - 5000 pg/mL
Abacavir	Small Molecule	Human	Plasma	MS/MS 3000	25 - 10000 ng/mL
Dolutegravir	Small Molecule	Human	Plasma	MS/MS 5000	10 - 7500 ng/mL
Lamivudine	Small Molecule	Human	Plasma	MS/MS 3000	10 - 5000 ng/mL
Abiraterone	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 250 ng/mL
Acetaminophen	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 30 µg/mL
Acetazolamide	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 40 µg/mL
Acetylsalicylic acid	Small Molecule	Human	Plasma	MS/MS 5000	5 - 5000 ng/mL
[Salicylic acid]	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 ng/mL

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Method Status: Validated - Small Molecules

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Acetylsalicylic acid	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Acetylsalicylic Acid	Small Molecule	Rat	Plasma	MS/MS 5000	2 - 2000 ng/mL
[Salicylic Acid]	Small Molecule	Rat	Plasma	MS/MS 5000	400 - 50000 ng/mL
Adapalene	Small Molecule	Human	Plasma	MS/MS 5500	50 - 1500 pg/mL
Afatinib	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 70 ng/mL
Agomelatine	Small Molecule	Human	Plasma	MS/MS 3000	0.02 - 40 ng/mL
Allopurinol	Small Molecule	Human	Plasma	MS/MS 5000	20 - 5000 ng/mL
Almotriptan	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 100 ng/mL
Alprazolam	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Alverine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 4000 pg/mL
Amantadine	Small Molecule	Human	Plasma	MS/MS 3000	2 - 2000 ng/mL
Ambrisentan	Small Molecule	Human	Plasma	MS/MS 3000	10 - 1500 ng/mL
Amifampridine	Small Molecule	Human	Urine	MS/MS 5000	4 - 2000 ng/mL
[3-N-Acetylamifampridine]	Small Molecule	Human	Urine	MS/MS 5000	4 - 2000 ng/mL
Aminocaproic acid	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 60 µg/mL
Amlodipine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 30000 pg/mL
Bisoprolol	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 75 ng/mL
Amlodipine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Amoxicillin	Small Molecule	Human	Plasma	MS/MS 3000	0.2 - 40 µg/mL
Amphetamine chiral (R) (l-amphetamine)	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 35 ng/mL
Amphetamine chiral (S) (d-amphetamine)	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
Anastrozole	Small Molecule	Human	Plasma	MS/MS 3000	0.2 - 25 ng/mL
Apixaban	Small Molecule	Human	Plasma	MS/MS 5000	1 - 500 ng/mL
Apomorphine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 25000 pg/mL
Apremilast	Small Molecule	Human	Plasma	MS/MS 5000	2 - 800 ng/mL
Aprepitant	Small Molecule	Human	Plasma	MS/MS 3000	5 - 6000 ng/mL
Aripiprazole	Small Molecule	Human	Plasma	MS/MS 3000	1.5 - 300 ng/mL
Aripiprazole	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 150 ng/mL
Asenapine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 7500 pg/mL
Atazanavir	Small Molecule	Human	Plasma	MS/MS 3000	10 - 8000 ng/mL
Atorvastatin	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 pg/mL
Atorvastatin	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 60 ng/mL
[2-Hydroxyatorvastatin]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 60 ng/mL
[4-Hydroxyatorvastatin]	Small Molecule	Human	Plasma	MS/MS 5000	30 - 3000 pg/mL
Atovaquone	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3000 ng/mL
Atovaquone	Small Molecule	Human	Plasma	MS/MS 3000	25 - 15000 ng/mL
Azithromycin	Small Molecule	Human	Plasma	MS/MS 5000	5 - 3000 ng/mL
Azithromycin	Small Molecule	Human	Plasma	MS/MS 5000	2 - 900 ng/mL
Barnidipine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 pg/mL
Bendroflumethiazide chiral (R)	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL
Bendroflumethiazide chiral (S)	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL

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Method Status: Validated - Small Molecules

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Betahistine (pyridylacetic acid)	Small Molecule	Human	Plasma	MS/MS 3000	10 - 1000 ng/mL
Bexarotene	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL
Bicalutamide	Small Molecule	Human	Plasma	MS/MS 3000	5 - 2000 ng/mL
Bictegravir	Small Molecule	Human	Plasma	MS/MS 5000	50 - 12500 ng/mL
Tenofovir Alafenamide	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 600 ng/mL
Bisoprolol	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 75 ng/mL
Bisoprolol	Small Molecule	Human	Plasma	MS/MS 5000	75 - 30000 pg/mL
Bosentan	Small Molecule	Human	Plasma	MS/MS 3000	5 - 3500 ng/mL
Brimonidine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 5000 pg/mL
Brivaracetam	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 ng/mL
Budesonide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 pg/mL
Budesonide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 pg/mL
[6beta-Hydroxybudesonide]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 2000 pg/mL
Bupivacaine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 5000 pg/mL
Bupivacaine	Small Molecule	Human	Plasma	MS/MS 5000	1 - 750 ng/mL
[Pipecolylxylidine (PPX)]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 100 ng/mL
Buprenorphine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2000 pg/mL
Buprenorphine	Small Molecule	Human	Plasma	MS/MS 5000	15 - 10000 pg/mL
[Norbuprenorphine]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 5000 pg/mL
Bupropion	Small Molecule	Human	Plasma	MS/MS 3000	1 - 250 ng/mL
[Hydroxybupropion]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Bupropion	Small Molecule	Human	Plasma	MS/MS 5000	2 - 750 ng/mL
[Erythro-dihydrobupropion]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 100 ng/mL
[Hydroxybupropion]	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1500 ng/mL
[Threo-dihydrobupropion]	Small Molecule	Human	Plasma	MS/MS 5000	2 - 750 ng/mL
Butalbital	Small Molecule	Human	Plasma	MS/MS 5000	25 - 2400 ng/mL
Caffeine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 2000 ng/mL
Caffeine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 ng/mL
[Paraxanthine]	Small Molecule	Human	Plasma	MS/MS 5000	20 - 8000 ng/mL
Canagliflozin	Small Molecule	Human	Plasma	MS/MS 3000	10 - 6000 ng/mL
Candesartan	Small Molecule	Human	Plasma	MS/MS 3000	1 - 500 ng/mL
Cannabidiol	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 250 ng/mL
[7-Carboxycannabidiol (cannabidiol-7-oic acid)]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
[7-Hydroxycannabidiol]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 250 ng/mL
Captopril	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3000 ng/mL
Carbamazepine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 5000 ng/mL
Cannabichromene	Small Molecule	Human	Plasma	MS/MS 6500Plus	50 - 30000 pg/mL
Cannabigerol	Small Molecule	Human	Plasma	MS/MS 6500Plus	25 - 7500 pg/mL
[Cannabidiol]	Small Molecule	Human	Plasma	MS/MS 6500Plus	25 - 7500 pg/mL
[Cannabinol]	Small Molecule	Human	Plasma	MS/MS 6500Plus	25 - 15000 pg/mL
Tetrahydrocannabinol (THC)	Small Molecule	Human	Plasma	MS/MS 6500Plus	50 - 30000 pg/mL

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Method Status: Validated - Small Molecules

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Cefixime	Small Molecule	Human	Plasma	MS/MS 3000	50 - 10000 ng/mL
Cefpodoxime	Small Molecule	Human	Plasma	MS/MS 3000	50 - 5000 ng/mL
Cefprozil (E)	Small Molecule	Human	Plasma	MS/MS 3000	0.225 - 22.5 µg/mL
Cefprozil (Z)	Small Molecule	Human	Plasma	MS/MS 3000	25 - 2500 ng/mL
Celecoxib	Small Molecule	Human	Plasma	MS/MS 3000	3 - 2400 ng/mL
Cetirizine	Small Molecule	Rat	Plasma	MS/MS 5500	0.1 - 100 µg/mL
Cetirizine	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Chlordiazepoxide	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Chlorhexidine	Small Molecule	Human	Plasma	MS/MS 5000	200 - 7500 pg/mL
Chlorpheniramine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 40 ng/mL
Hydrocodone	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 40 ng/mL
Chlorpheniramine	Small Molecule	Human	Plasma	MS/MS 5000	0.05 - 30 ng/mL
Hydrocodone	Small Molecule	Human	Plasma	MS/MS 5000	0.05 - 30 ng/mL
Cinacalcet	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 100 ng/mL
Ciprofloxacin	Small Molecule	Human	Plasma	MS/MS 5000	20 - 8000 ng/mL
Citalopram (S-citalopram) (achiral)	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 ng/mL
Citric acid	Small Molecule	Human	Urine	MS/MS 3000	20 - 1000 µg/mL
Clarithromycin	Small Molecule	Human	Plasma	MS/MS 3000	20 - 4000 ng/mL
[14-R-OH Clarithromycin]	Small Molecule	Human	Plasma	MS/MS 3000	15 - 3000 ng/mL
Clidinium	Small Molecule	Human	Plasma	MS/MS 5000	2 - 2000 pg/mL
Clindamycin	Small Molecule	Human	Plasma	MS/MS 5000	10 - 7000 ng/mL
Clobazam	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 1000 ng/mL
[N-Desmethylclobazam]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 200 ng/mL
Clofazimine	Small Molecule	Human	Plasma	MS/MS 3000	2 - 640 ng/mL
Clomethiazole	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Clonidine	Small Molecule	Human	Plasma	MS/MS 5000	3 - 1000 pg/mL
Clopidogrel	Small Molecule	Human	Plasma	MS/MS 5000	10 - 10000 pg/mL
Clopidogrel	Small Molecule	Human	Plasma	MS/MS 5000	5 - 6000 pg/mL
Clopidogrel acid	Small Molecule	Human	Plasma	MS/MS 3000	20 - 7500 ng/mL
Cocaine	Small Molecule	Human	Plasma	MS/MS 5000	2 - 650 ng/mL
[Benzoylecgonine]	Small Molecule	Human	Plasma	MS/MS 5000	2 - 650 ng/mL
[Ecgonine methyl ester]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 100 ng/mL
[Ecgonine]	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 100 ng/mL
[Norcocaine]	Small Molecule	Human	Plasma	MS/MS 5000	0.15 - 100 ng/mL
Cocaine	Small Molecule	Human	Urine	MS/MS 5000	5 - 2500 ng/mL
[Benzoylecgonine]	Small Molecule	Human	Urine	MS/MS 5000	30 - 15000 ng/mL
[Ecgonine methyl ester]	Small Molecule	Human	Urine	MS/MS 5000	30 - 15000 ng/mL
[Ecgonine]	Small Molecule	Human	Urine	MS/MS 5000	10 - 5000 ng/mL
[Norcocaine]	Small Molecule	Human	Urine	MS/MS 5000	2 - 1000 ng/mL
Codeine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 300 ng/mL
Codeine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 300 ng/mL
[Codeine-6-glucuronide]	Small Molecule	Human	Plasma	MS/MS 5000	20 - 5000 ng/mL

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Method Status: Validated - Small Molecules

Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[Morphine]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 20 ng/mL
[Morphine-6-glucuronide]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 40 ng/mL
Colchicine	Small Molecule	Human	Plasma	MS/MS 5000	20 - 18000 pg/mL
Cortisol (hydrocortisone)	Small Molecule	Human	Urine	MS/MS 5000	0.5 - 250 ng/mL
[6-beta-Hydroxycortisol]	Small Molecule	Human	Urine	MS/MS 5000	5 - 1600 ng/mL
Cortisol (Hydrocortisone)	Small Molecule	Human	Plasma	MS/MS 5000	1 - 800 ng/mL
Cyclophosphamide	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 30 µg/mL
[4-Ketocyclophosphamide]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 1000 ng/mL
Cyclosporin	Small Molecule	Human	Blood	MS/MS 3000	1 - 1000 ng/mL
Cyproterone acetate	Small Molecule	Human	Plasma (female)	MS/MS 5000	0.1 - 50 ng/mL
Dabigatran (free)	Small Molecule	Human	Plasma	MS/MS 3000	1 - 300 ng/mL
Dabigatran (total)	Small Molecule	Human	Plasma	MS/MS 5000	1 - 300 ng/mL
Dapagliflozin	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 500 ng/mL
Dapsone	Small Molecule	Human	Plasma	MS/MS 3000	25 - 4000 ng/mL
Darunavir	Small Molecule	Human	Plasma	MS/MS 3000	50 - 20000 ng/mL
Dasatinib	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 250 ng/mL
Decitabine	Small Molecule	Human	Plasma	MS/MS 3000	1 - 500 ng/mL
Deferasirox (total)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 100 µg/mL
Desfesoterodine (5-hydroxymethyltolterodine)	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
[SPM-5509 (5-carboxytolterodine)]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 30 ng/mL
(R)-Desfesoterodine ((R)-5-hydroxymethyltolterodine)	Small Molecule	Human	Plasma	MS/MS 5000	25 - 7500 pg/mL
(S)-Desfesoterodine ((S)-5-hydroxymethyltolterodine)	Small Molecule	Human	Plasma	MS/MS 5000	25 - 7500 pg/mL
Desloratadine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 4500 pg/mL
[3-Hydroxydesloratadine]	Small Molecule	Human	Plasma	MS/MS 5000	25 - 2000 pg/mL
Desoximetasone	Small Molecule	Human	Plasma	MS/MS 5000	25 - 2500 pg/mL
Desvenlafaxine	Small Molecule	Human	Plasma	MS/MS 5000	1 - 800 ng/mL
Dexamethasone	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 150 ng/mL
Dexamethasone	Small Molecule	Human	Plasma	MS/MS 3000	1 - 500 ng/mL
Dextromethorphan	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 pg/mL
[Dextrorphan]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 10000 pg/mL
Diacerin (rhein)	Small Molecule	Human	Plasma	MS/MS 3000	50 - 6000 ng/mL
Diazepam	Small Molecule	Human	Plasma	MS/MS 5000	1.5 - 1500 ng/mL
[Nordiazepam]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 200 ng/mL
Diclofenac	Small Molecule	Human	Plasma	MS/MS 5000	5 - 4000 ng/mL
Diclofenac	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
Diclofenac	Small Molecule	Human	Ringer Microdialysate	MS/MS 5000	50 - 10000 pg/mL
Digoxin	Small Molecule	Human	Plasma	MS/MS 5000	15 - 3500 pg/mL
Diltiazem	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 400 ng/mL
[Desacetyldiltiazem]	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[N-Desmethyldiltiazem]	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 ng/mL
Diphenhydramine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 120 ng/mL
Dipyridamole	Small Molecule	Human	Plasma	MS/MS 3000	5 - 4000 ng/mL
Dofetilide	Small Molecule	Human	Plasma	MS/MS 5000	25 - 5000 pg/mL
Domperidone	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 50 ng/mL
Donepezil	Small Molecule	Human	Plasma	MS/MS 3000	0.25 - 50 ng/mL
[6-O-Desmethyldonepezil]	Small Molecule	Human	Plasma	MS/MS 3000	50 - 10000 pg/mL
Doxycycline	Small Molecule	Human	Plasma	MS/MS 5000	10 - 3000 ng/mL
Doxylamine	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL
Dronedarone	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 200 ng/mL
Drospirenone	Small Molecule	Human	Plasma (Female)	MS/MS 5000	0.2 - 100 ng/mL
Ethinyl Estradiol	Small Molecule	Human	Plasma (Female)	MS/MS 5000	1 - 500 pg/mL
Droxidopa	Small Molecule	Human	Plasma	MS/MS 5000	15 - 15000 ng/mL
Duloxetine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 ng/mL
Dutasteride	Small Molecule	Human	Plasma	MS/MS 5000	25 - 4000 pg/mL
Ebastine	Small Molecule	Human	Plasma	MS/MS 3000	50 - 20000 pg/mL
[Carebastine]	Small Molecule	Human	Plasma	MS/MS 3000	1 - 400 ng/mL
Efavirenz	Small Molecule	Human	Plasma	MS/MS 5000	25 - 6000 ng/mL
Emtricitabine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
Tenofovir	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 800 ng/mL
Eflornithine	Small Molecule	Human	Plasma	MS/MS 5000	35 - 35000 ng/mL
Elagolix	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 2500 ng/mL
Eletriptan	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 400 ng/mL
Eltrombopag	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 ng/mL
Empagliflozin	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Emtricitabine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
Tenofovir	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 800 ng/mL
Emtricitabine	Small Molecule	Human	Plasma	MS/MS 6500Plus	10 - 4000 ng/mL
Tenofovir	Small Molecule	Human	Plasma	MS/MS 6500Plus	0.5 - 100 ng/mL
Enalapril	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 300 ng/mL
[Enalaprilat]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 300 ng/mL
Enclomiphene (trans-Clomiphene)	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
Zuclomiphene (cis-Clomiphene)	Small Molecule	Human	Plasma	MS/MS 5000	100 - 20000 pg/mL
Entacapone	Small Molecule	Human	Plasma	MS/MS 3000	10 - 2500 ng/mL
Entecavir	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 pg/mL
Epinephrine	Small Molecule	Human	Plasma	MS/MS 5500	20 - 10000 pg/mL
Eplerenone	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2000 ng/mL
Erlotinib	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3000 ng/mL
Eslicarbazepine	Small Molecule	Human	Plasma	MS/MS 3000	50 - 25000 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Estradiol unconjugated	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	1 - 200 pg/mL
Estrone unconjugated	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	5 - 1000 pg/mL
Estrone glucuronide	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	0.1 - 100 ng/mL
Estrone sulfate	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	0.1 - 100 ng/mL
Ethinyl estradiol	Small Molecule	Human	Plasma (Female)	MS/MS 5000	1 - 250 pg/mL
Etifoxine	Small Molecule	Human	Plasma	MS/MS 3000	2 - 250 ng/mL
Etoricoxib	Small Molecule	Human	Plasma	MS/MS 3000	20 - 4000 ng/mL
Everolimus	Small Molecule	Human	Blood	MS/MS 5000	0.1 - 75 ng/mL
Everolimus	Small Molecule	Human	Blood	MS/MS 5000	0.5 - 250 ng/mL
Exemestane	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Ezetimibe conjugated	Small Molecule	Human	Plasma	MS/MS 5000	1 - 200 ng/mL
Ezetimibe unconjugated	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Fampridine (dalfampridine)	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 60 ng/mL
Febuxostat	Small Molecule	Human	Plasma	MS/MS 3000	20 - 10000 ng/mL
Felodipine	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 15 ng/mL
Felodipine	Small Molecule	Human	Plasma	MS/MS 3000	20 - 20000 pg/mL
Fenofibric acid	Small Molecule	Human	Plasma	MS/MS 3000	40 - 15000 ng/mL
Fenretinide	Small Molecule	Human	Plasma	MS/MS 3000	40 - 4000 ng/mL
[4-Methoxyfenretinide]	Small Molecule	Human	Plasma	MS/MS 3000	40 - 4000 ng/mL
Fentanyl	Small Molecule	Human	Plasma	MS/MS 3000	50 - 20000 pg/mL
Fentanyl	Small Molecule	Human	Plasma	MS/MS 3000	10 - 6000 pg/mL
Fentanyl	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 pg/mL
Ferumoxytol (Total Serum Iron)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	50 - 2500 µg/dL
Ferumoxytol (Transferrin-Bound Iron)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	50 - 800 µg/dL
Fesoterodine	Small Molecule	Human	Plasma	MS/MS 5000	1 - 2000 pg/mL
Fexofenadine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 500 ng/mL
Finasteride	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 75 ng/mL
Fingolimod	Small Molecule	Human	Blood	MS/MS 5000	10 - 1000 pg/mL
Fingolimod	Small Molecule	Human	Blood	MS/MS 5000	20 - 2000 pg/mL
[Fingolimod phosphate]	Small Molecule	Human	Blood	MS/MS 5500	70 - 1500 pg/mL
Flecainide	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Fluconazole	Small Molecule	Human	Plasma	MS/MS 3000	50 - 10000 ng/mL
Fludrocortisone	Small Molecule	Human	Plasma	MS/MS 5000	10 - 2000 pg/mL
Fluindione	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 6 µg/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Flunitrazepam	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 30 ng/mL
Fluvastatin	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 800 ng/mL
(3R,5S)-Fluvastatin	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 500 ng/mL
(3S,5R)-Fluvastatin	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 500 ng/mL
Fluvoxamine (trans)	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 100 ng/mL
Free Dabigatran	Small Molecule	Human	Plasma	MS/MS 5000	0.3 - 300 ng/mL
Frovatriptan	Small Molecule	Human	Blood	MS/MS 5000	25 - 15000 pg/mL
Furosemide	Small Molecule	Human	Plasma	MS/MS 5000	5 - 5000 ng/mL
Furosemide	Small Molecule	Human	Urine	MS/MS 5000	10 - 5000 ng/mL
Gabapentin	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 ng/mL
Galantamine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 75 ng/mL
Gamma hydroxybutyric acid	Small Molecule	Human	Plasma	MS/MS 3000	0.2 - 150 µg/mL
Gefitinib	Small Molecule	Human	Plasma	MS/MS 3000	1 - 400 ng/mL
Gestodene	Small Molecule	Human	Plasma	MS/MS 5000	50 - 6000 pg/mL
Glimepiride	Small Molecule	Human	Plasma	MS/MS 5000	1 - 500 ng/mL
Glyburide (glibenclamide)	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 400 ng/mL
Granisetron	Small Molecule	Human	Plasma	MS/MS 3000	50 - 20000 pg/mL
Haloperidol	Small Molecule	Human	Plasma	MS/MS 5000	10 - 2000 pg/mL
Hydrochlorothiazide	Small Molecule	Human	Plasma	MS/MS 5000	1 - 300 ng/mL
Hydrochlorothiazide	Small Molecule	Human	Plasma	MS/MS 5000	1 - 300 ng/mL
Telmisartan	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 500 ng/mL
Hydrocodone	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 200 ng/mL
Hydromorphone	Small Molecule	Human	Plasma	MS/MS 3000	30 - 5000 pg/mL
Hydroxychloroquine	Small Molecule	Human	Blood	MS/MS 5000	1 - 400 ng/mL
Hydroxyzine	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 150 ng/mL
Ibrutinib	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 150 ng/mL
Ibrutinib	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Ibuprofen (R)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 25 µg/mL
Ibuprofen (S)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 25 µg/mL
Ibuprofen (achiral)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 25 µg/mL
Ibuprofen (achiral)	Small Molecule	Human	Plasma	MS/MS 3000	50 - 50000 ng/mL
Ibuprofen (achiral)	Small Molecule	Human	Plasma	MS/MS 3000	0.2 - 150 µg/mL
Ibuprofen (R)	Small Molecule	Rat	Plasma	MS/MS 3000	0.5 - 500 µg/mL
Ibuprofen (S)	Small Molecule	Rat	Plasma	MS/MS 3000	0.5 - 500 µg/mL
Ibuprofen (R)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 50 µg/mL
Ibuprofen (S)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 50 µg/mL
Idarubicin	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1500 ng/mL
[Idarubicinol]	Small Molecule	Human	Plasma	MS/MS 5000	0.15 - 30 ng/mL
Idelalisib	Small Molecule	Human	Plasma	MS/MS 3000	15 - 6500 ng/mL
Imatinib	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
[N-Desmethyl Imatinib]	Small Molecule	Human	Plasma	MS/MS 5000	5 - 400 ng/mL
Indapamide	Small Molecule	Human	Blood	MS/MS 5000	0.5 - 300 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Indomethacin	Small Molecule	Human	Plasma	MS/MS 3000	25 - 5000 ng/mL
Irbesartan	Small Molecule	Human	Plasma	MS/MS 3000	50 - 8000 ng/mL
Irbesartan	Small Molecule	Human	Plasma	MS/MS 3000	20 - 8000 ng/mL
Iron (Total Serum Iron from Ferric Carboxymaltose)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	60.2 - 2500 µg/dL
Iron (Transferrin-Bound Iron from Ferric Carboxymaltose)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	50 - 800 µg/dL
Iron Sucrose (Total Serum Iron)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	50 - 2500 µg/dL
Iron Sucrose (Transferrin-Bound Iron)	Small Molecule	Human	Serum	LBA-Spectrophotometric-Biotek	50 - 800 µg/dL
Isosorbide-5-mononitrate	Small Molecule	Human	Plasma	MS/MS 3000	10 - 1500 ng/mL
Itopride	Small Molecule	Human	Plasma	MS/MS 5500	2 - 500 ng/mL
Itraconazole	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
Itraconazole	Small Molecule	Human	Plasma	MS/MS 5000	1 - 600 ng/mL
[Hydroxyitraconazole]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Ivabradine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
[N-Desmethylivabradine]	Small Molecule	Human	Plasma	MS/MS 5000	100 - 10000 pg/mL
Ivabradine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
[N-Desmethylivabradine]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 10 ng/mL
Ivermectin B1a	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 75 ng/mL
Ivermectin B1b	Small Molecule	Human	Plasma	MS/MS 5000	25 - 7500 pg/mL
Ketoprofen	Small Molecule	Human	Plasma	MS/MS 3000	50 - 20000 ng/mL
Lacidipine	Small Molecule	Human	Plasma	MS/MS 3000	20 - 12000 pg/mL
Lacosamide	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 ng/mL
Lamotrigine	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
Lamotrigine	Small Molecule	Human	Plasma	MS/MS 3000	10 - 10000 ng/mL
Lansoprazole	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 2000 ng/mL
Lansoprazole	Small Molecule	Human	Plasma	MS/MS 3000	1.0 - 1000 ng/mL
Lenalidomide	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 1000 ng/mL
Lercanidipine (R)	Small Molecule	Human	Plasma	MS/MS 3000	25 - 5000 pg/mL
Lercanidipine (S)	Small Molecule	Human	Plasma	MS/MS 3000	25 - 5000 pg/mL
Letrozole	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 60 ng/mL
Levetiracetam	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 65 µg/mL
Levodopa	Small Molecule	Human	Plasma	MS/MS 5000	25 - 5000 ng/mL
[3-O-Methyldopa]	Small Molecule	Human	Plasma	MS/MS 5000	25 - 5000 ng/mL
Levofloxacin	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 10 µg/mL
Levonorgestrel	Small Molecule	Human	Plasma (Female)	MS/MS 5000	50 - 15000 pg/mL
Levonorgestrel	Small Molecule	Human	Plasma (Female)	MS/MS 3000	200 - 40000 pg/mL
Levothyroxine	Small Molecule	Human	Serum	MS/MS 5000	10 - 300 ng/mL
Linagliptin	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
Linezolid (S)	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 25 µg/mL
Lisinopril	Small Molecule	Human	Plasma	MS/MS 5000	1 - 400 ng/mL
Lonafarnib	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Lonafarnib	Small Molecule	Human	Plasma	MS/MS 5000	50 - 8000 ng/mL
Lonafarnib	Small Molecule	Human	Plasma	MS/MS 5000	5 - 5000 ng/mL
Loperamide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 5000 pg/mL
Loratadine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
[Desloratadine]	Small Molecule	Human	Plasma	MS/MS 5000	50 - 10000 pg/mL
Lorazepam	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 40 ng/mL
Losartan	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 1500 ng/mL
[Losartan carboxy acid]	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 1500 ng/mL
Macitentan	Small Molecule	Human	Plasma	MS/MS 5000	1 - 500 ng/mL
Meclizine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 200 ng/mL
Mefenamic acid	Small Molecule	Human	Plasma	MS/MS 3000	25 - 5000 ng/mL
Meloxicam	Small Molecule	Human	Plasma	MS/MS 3000	10 - 4000 ng/mL
Memantine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Mesalamine	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1500 ng/mL
Metaxalone	Small Molecule	Human	Plasma	MS/MS 3000	20 - 6000 ng/mL
Metformin	Small Molecule	Human	Plasma	MS/MS 5000	5 - 4000 ng/mL
Methadone	Small Molecule	Human	Plasma	MS/MS 3000	1 - 100 ng/mL
Methenamine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 40 µg/mL
Methocarbamole	Small Molecule	Human	Plasma	MS/MS 3000	150 - 20000 ng/mL
Methylphenidate	Small Molecule	Human	Plasma	MS/MS 5000	50 - 25000 pg/mL
Methylphenidate (or dexmethylphenidate)	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Metoprolol	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 250 ng/mL
Metoprolol	Small Molecule	Human	Plasma	MS/MS 5000	1 - 400 ng/mL
Metoprolol	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
Metronidazole	Small Molecule	Human	Plasma	MS/MS 5000	75 - 75000 pg/mL
Mexiletine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1000 ng/mL
Midazolam	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
[α-Hydroxymidazolam]	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Midodrine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 75 ng/mL
Miglitol	Small Molecule	Human	Plasma	MS/MS 3000	20 - 3500 ng/mL
Miglustat	Small Molecule	Human	Plasma	MS/MS 5000	10 - 3000 ng/mL
Minocycline	Small Molecule	Human	Plasma	MS/MS 3000	10 - 6000 ng/mL
Minocycline	Small Molecule	Human	Plasma	MS/MS 3000	10 - 4000 ng/mL
Mirtazapine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 120 ng/mL
Modafinil	Small Molecule	Human	Plasma	MS/MS 3000	50 - 10000 ng/mL
Mono-methyl fumarate (dimethylfumarate)	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
Montelukast	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 750 ng/mL
Morphine	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Morphine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Morphine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Morphine	Small Molecule	Human	Plasma	MS/MS 5500	1 - 500 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[Morphine-3-glucuronide]	Small Molecule	Human	Plasma	MS/MS 5500	5 - 1000 ng/mL
[Morphine-6-glucuronide	Small Molecule	Human	Plasma	MS/MS 5500	1 - 500 ng/mL
Morphine	Small Molecule	Human	Plasma	MS/MS 5500	0.1 - 100 ng/mL
[Morphine-6-glucuronide]	Small Molecule	Human	Plasma	MS/MS 5500	2.5 - 1000 ng/mL
Morphine-6-glucuronide	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 350 ng/mL
Moxifloxacin	Small Molecule	Human	Plasma	MS/MS 5000	10 - 4000 ng/mL
Mycophenolic acid	Small Molecule	Human	Plasma	MS/MS 3000	25 - 10000 ng/mL
Nabilone	Small Molecule	Human	Plasma	MS/MS 5000	25 - 4000 pg/mL
Naftifine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 10000 pg/mL
Nalbuphine	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 100 ng/mL
Naloxone	Small Molecule	Human	Plasma	MS/MS 5000	20 - 20000 pg/mL
Naloxone	Small Molecule	Human	Plasma	MS/MS 5000	0.15 - 150 ng/mL
Naloxone (free)	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 pg/mL
Naloxone 3-glucuronide	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 90 ng/mL
Naloxone 3-glucuronide	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Naltrexone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 20 ng/mL
[6beta-Naltrexol]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 200 ng/mL
Naltrexone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
6beta-Naltrexol	Small Molecule	Human	Plasma	MS/MS 5000	40 - 60000 pg/mL
Naltrexone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 20 ng/mL
Naproxen	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 µg/mL
Naproxen	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 200 µg/mL
Nateglinide	Small Molecule	Human	Plasma	MS/MS 3000	50 - 25000 ng/mL
N-Butylscopolammonium (hyoscine butyl)	Small Molecule	Human	Plasma	MS/MS 5500	1 - 750 pg/mL
Nefopam	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 125 ng/mL
Nevirapine	Small Molecule	Human	Plasma	MS/MS 3000	50 - 4000 ng/mL
Nicotine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 100 ng/mL
Nicotine	Small Molecule	Human	Plasma	MS/MS 5000	0.15 - 15 ng/mL
Nifedipine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 400 ng/mL
Nilotinib	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Nilotinib	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 ng/mL
Nimesulide	Small Molecule	Human	Plasma	MS/MS 3000	10 - 6000 ng/mL
Nimodipine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 200 ng/mL
Nintedanib	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Nitisinone	Small Molecule	Human	Plasma	MS/MS 5000	3 - 3000 ng/mL
Norethindrone	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	50 - 20000 pg/mL
Norethindrone	Small Molecule	Human	Plasma	MS/MS 5000	50 - 40000 pg/mL
Norgestimate	Small Molecule	Human	Plasma (Female)	MS/MS 5000	5 - 200 pg/mL
[Norelgestromin]	Small Molecule	Human	Plasma (Female)	MS/MS 5000	40 - 6000 pg/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Olanzapine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 25 ng/mL
Olmesartan	Small Molecule	Human	Plasma	MS/MS 3000	10 - 2000 ng/mL
Omeprazole	Small Molecule	Human	Plasma	MS/MS 3000	10 - 1000 ng/mL
Omeprazole	Small Molecule	Human	Plasma	MS/MS 5000	1 - 750 ng/mL
Omeprazole	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1500 ng/mL
Omeprazole (esomeprazole)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 2500 ng/mL
Ondansetron	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 300 ng/mL
Oseltamivir	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
[Oseltamivir carboxylate]	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 1000 ng/mL
Otilonium	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
Oxaprozin	Small Molecule	Human	Plasma	MS/MS 5000	0.75 - 250 µg/mL
Oxazepam	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
Oxcarbazepine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 4000 ng/mL
[2H,OH Carbamazepine]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 18 µg/mL
Oxybutynin	Small Molecule	Human	Plasma	MS/MS 5000	0.05 - 15 ng/mL
[N-Desethyloxybutynin]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 50 ng/mL
Oxybutynin	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 30 ng/mL
R-Oxybutynin	Small Molecule	Human	Plasma	MS/MS 5000	20 - 4000 pg/mL
S-Oxybutynin	Small Molecule	Human	Plasma	MS/MS 5000	30 - 6000 pg/mL
Oxycodone	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 100 ng/mL
[Noroxycodone]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 100 ng/mL
[Oxymorphone]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 5 ng/mL
Oxycodone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Oxycodone	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 150 ng/mL
Oxycodone	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 100 ng/mL
Oxymorphone	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
[6-Hydroxyoxymorphone]	Small Molecule	Human	Plasma	MS/MS 5000	40 - 4000 pg/mL
Paliperidone	Small Molecule	Human	Plasma	MS/MS 3000	50 - 25000 pg/mL
Pantoprazole	Small Molecule	Human	Plasma	MS/MS 3000	20 - 5000 ng/mL
Paroxetine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Paroxetine	Small Molecule	Human	Plasma	MS/MS 5000	25 - 25000 pg/mL
Pentamidine	Small Molecule	Human	Plasma	MS/MS 5000	2.5 - 2500 ng/mL
Perindopril	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 300 ng/mL
[Perindoprilat]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 30 ng/mL
Phenobarbital	Small Molecule	Human	Plasma	MS/MS 3000	25 - 6000 ng/mL
Phenprocoumon (R)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Phenprocoumon (S)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Phentermine	Small Molecule	Human	Plasma	MS/MS 3000	1 - 250 ng/mL
Phenytoin	Small Molecule	Human	Plasma	MS/MS 5000	50 - 20000 ng/mL
Phloroglucinol	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1200 ng/mL
Pilocarpine	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 60 ng/mL
Pioglitazone	Small Molecule	Human	Plasma	MS/MS 3000	10 - 2500 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[Hydroxy pioglitazone]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
[Pioglitazone ketone]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
Pioglitazone	Small Molecule	Human	Plasma	MS/MS 3000	10 - 2500 ng/mL
[Hydroxy Pioglitazone]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
Pirfenidone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 40 µg/mL
Pitavastatin	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Pomalidomide	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 150 ng/mL
Posaconazole	Small Molecule	Human	Plasma	MS/MS 3000	2 - 2000 ng/mL
Posaconazole	Small Molecule	Human	Plasma	MS/MS 3000	50 - 8000 ng/mL
Pramipexole	Small Molecule	Human	Plasma	MS/MS 5000	10 - 2000 pg/mL
Pramoxine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2500 pg/mL
Prasugrel (R-95913)	Small Molecule	Human	Plasma	MS/MS 3000	0.25 - 200 ng/mL
Pravastatin	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 300 ng/mL
Praziquantel	Small Molecule	Human	Plasma	MS/MS 5000	3 - 3000 ng/mL
Prazosin	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 50 ng/mL
Prednisolone	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Prednisone	Small Molecule	Human	Plasma	MS/MS 5000	2 - 200 ng/mL
[Prednisolone]	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1500 ng/mL
Pregabalin	Small Molecule	Human	Plasma	MS/MS 3000	15 - 15000 ng/mL
Progesterone	Small Molecule	Human	Plasma (Female Post-menopausal)	MS/MS 5000	25 - 40000 pg/mL
Proguanil	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL
[Cycloguanil]	Small Molecule	Human	Plasma	MS/MS 3000	1 - 100 ng/mL
Propafenone	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 300 ng/mL
[5-Hydroxypropafenone]	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 250 ng/mL
Propafenone	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 ng/mL
[5-Hydroxypropafenone]	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 ng/mL
Propafenone	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
[5-Hydroxypropafenone]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
Propoxyphene	Small Molecule	Human	Plasma	MS/MS 3000	1 - 200 ng/mL
Propranolol (R)	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Propranolol (S)	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
Propranolol (total)	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
[4-Hydroxypropranolol (total)]	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Prucalopride	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Pseudoephedrine	Small Molecule	Human	Plasma	MS/MS 3000	2 - 600 ng/mL
Pyridostigmine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 250 ng/mL
Pyridostigmine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 100 ng/mL
Quetiapine	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 2000 ng/mL
Quetiapine	Small Molecule	Human	Plasma	MS/MS 3000	1 - 150 ng/mL
Quinapril	Small Molecule	Human	Plasma	MS/MS 3000	2 - 1000 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[Quinaprilat]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1600 ng/mL
Quinidine	Small Molecule	Human	Plasma	MS/MS 5000	10 - 2000 ng/mL
Rabeprazole	Small Molecule	Human	Plasma	MS/MS 3000	5 - 3000 ng/mL
Racecadotril (thiorphan)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 600 ng/mL
Racecadotril (thiorphan)	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 500 ng/mL
Raloxifene	Small Molecule	Human	Plasma	MS/MS 5000	10 - 1000 pg/mL
Ramipril	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
[Ramiprilat]	Small Molecule	Human	Plasma	MS/MS 5000	0.3 - 75 ng/mL
Ramipril	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Ranolazine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 5000 ng/mL
Rasagiline	Small Molecule	Human	Plasma	MS/MS 5000	5 - 10000 pg/mL
Repaglinide	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 ng/mL
Ribavirin	Small Molecule	Human	Plasma	MS/MS 3000	5 - 2000 ng/mL
Rifabutin	Small Molecule	Human	Plasma	MS/MS 5000	2 - 800 ng/mL
[25-O-Desacetylrifabutin]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 100 ng/mL
Velpatasvir	Small Molecule	Human	Plasma	MS/MS 5000	2 - 1000 ng/mL
Riluzole	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 500 ng/mL
Risperidone	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 50 ng/mL
[9-OH-Risperidone (paliperidone)]	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 50 ng/mL
Ritonavir	Small Molecule	Human	Plasma	MS/MS 5000	10 - 5000 ng/mL
Rivaroxaban	Small Molecule	Human	Plasma	MS/MS 5000	1 - 600 ng/mL
Rivastigmine	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 40 ng/mL
Rivastigmine	Small Molecule	Human	Plasma	MS/MS 3000	10 - 10000 pg/mL
Rivastigmine	Small Molecule	Human	Plasma	MS/MS 3000	20 - 20000 pg/mL
Rizatriptan	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 50 ng/mL
Rofecoxib	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1500 ng/mL
Roflumilast	Small Molecule	Human	Plasma	MS/MS 3000	40 - 14000 pg/mL
Ropinirole	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2000 pg/mL
Ropinirole	Small Molecule	Human	Plasma	MS/MS 5000	10 - 3500 pg/mL
Rosiglitazone	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Rosuvastatin	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Rosuvastatin	Small Molecule	Human	Urine	MS/MS 5000	3 - 2000 ng/mL
Rotigotine	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2000 pg/mL
Rufinamide	Small Molecule	Human	Plasma	MS/MS 3000	25 - 10000 ng/mL
Sacubitril	Small Molecule	Human	Plasma	MS/MS 3000	10 - 5000 ng/mL
Safinamide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 1500 ng/mL
Saxagliptin	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 50 ng/mL
Selexipag	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
[ACT-333679]	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Sildenafil	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 200 ng/mL
Sildenafil	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Sildenafil	Small Molecule	Human	Plasma	MS/MS 3000	1 - 600 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[N-Desmethyl Sildenafil (total)]	Small Molecule	Human	Plasma	MS/MS 3000	1 - 300 ng/mL
Silodosin	Small Molecule	Human	Plasma	MS/MS 5000	0.3 - 200 ng/mL
Simvastatin	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 50 ng/mL
[Hydroxysimvastatin]	Small Molecule	Human	Plasma	MS/MS 5000	0.1 - 20 ng/mL
Sirolimus	Small Molecule	Human	Blood	MS/MS 3000	0.1 - 50 ng/mL
Sitagliptin	Small Molecule	Human	Plasma	MS/MS 3000	2 - 700 ng/mL
Sofosbuvir	Small Molecule	Human	Plasma	MS/MS 3000	1 - 1500 ng/mL
Solifenacin	Small Molecule	Human	Plasma	MS/MS 3000	0.25 - 100 ng/mL
Sorafenib	Small Molecule	Human	Plasma	MS/MS 3000	10 - 5000 ng/mL
Sulindac	Small Molecule	Human	Plasma	MS/MS 5000	30 - 15000 ng/mL
[Sulindac sulfide]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 8000 ng/mL
[Sulindac sulfone]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 8000 ng/mL
Sumatriptan	Small Molecule	Human	Plasma	MS/MS 3000	1 - 150 ng/mL
Sunitinib	Small Molecule	Human	Plasma	MS/MS 5000	0.3 - 60 ng/mL
Suvorexant	Small Molecule	Human	Plasma	MS/MS 5000	1 - 1000 ng/mL
Tacrolimus	Small Molecule	Human	Blood	MS/MS 5000	5 - 5000 pg/mL
Tacrolimus	Small Molecule	Human	Blood	MS/MS 5000	50 - 50000 pg/mL
Tadalafil	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Tadalafil	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1000 ng/mL
Tamsulosin	Small Molecule	Human	Plasma	MS/MS 3000	0.25 - 50 ng/mL
Tamsulosin	Small Molecule	Human	Plasma	MS/MS 3000	30 - 60000 pg/mL
Tazarotene	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 pg/mL
[Tazarotenic acid]	Small Molecule	Human	Plasma	MS/MS 5000	5 - 2500 pg/mL
Telmisartan	Small Molecule	Human	Plasma	MS/MS 3000	1 - 500 ng/mL
Temazepam	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 1500 ng/mL
Terbinafine	Small Molecule	Human	Plasma	MS/MS 3000	3 - 1500 ng/mL
Teriflunomide	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3500 ng/mL
Testosterone	Small Molecule	Human	Serum	MS/MS 5000	100 - 30000 pg/mL
[Dihydrotestosterone]	Small Molecule	Human	Serum	MS/MS 5000	20 - 5000 pg/mL
Tetrahydrocannabinol (THC, dronabinol)	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
[11-hydroxy-delta-9-THC]	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
Tetrahydrocannabinol (THC, dronabinol)	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1500 ng/mL
[11-Hydroxy-delta9-THC]	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 150 ng/mL
[Cannabidiol]	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 150 ng/mL
Tetrahydrocannabinol (THC)	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 80 ng/mL
[11-Hydroxy-delta9-THC]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 80 ng/mL
[11-nor-9-carboxy-delta9-THC]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 80 ng/mL
[Cannabidiol]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 80 ng/mL
[Cannabinol]	Small Molecule	Human	Plasma	MS/MS 5000	0.2 - 80 ng/mL
Theophylline	Small Molecule	Human	Plasma	MS/MS 5000	20 - 20000 ng/mL
Ticagrelor	Small Molecule	Human	Plasma	MS/MS 5000	5 - 1000 ng/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
[Desethoxyhydroxy ticagrelor (AR-C124910XX)]	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Tiotropium	Small Molecule	Rat	Plasma	MS/MS 5000	10 - 200 pg/mL
Tizanidine	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
Tofacitinib	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Tolterodine	Small Molecule	Human	Plasma	MS/MS 3000	50 - 15000 pg/mL
[5-Hydroxytolterodine]	Small Molecule	Human	Plasma	MS/MS 3000	50 - 15000 pg/mL
Topiramate	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3000 ng/mL
Tramadol	Small Molecule	Human	Plasma	MS/MS 3000	2 - 800 ng/mL
[O-Desmethyltramadol]	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 200 ng/mL
Tramadol (R-(+))	Small Molecule	Human	Plasma	MS/MS 5000	1 - 120 ng/mL
Tramadol (S-(-))	Small Molecule	Human	Plasma	MS/MS 5000	1 - 120 ng/mL
[O-Desmethyltramadol (R-(+))]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 75 ng/mL
[O-Desmethyltramadol (S-(-))]	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 75 ng/mL
Tranylcypromine	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 75 ng/mL
Tranylcypromine (R-(+))	Small Molecule	Human	Plasma	MS/MS 5000	25 - 10000 pg/mL
Tranylcypromine (S-(-))	Small Molecule	Human	Plasma	MS/MS 5000	250 - 75000 pg/mL
Trazodone	Small Molecule	Human	Plasma	MS/MS 3000	20 - 4000 ng/mL
Triamcinolone acetonide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 7500 pg/mL
Triamcinolone hexacetonide	Small Molecule	Human	Plasma	MS/MS 5000	10 - 7500 pg/mL
[Triamcinolone acetonide]	Small Molecule	Human	Plasma	MS/MS 5000	10 - 7500 pg/mL
Triazolam	Small Molecule	Human	Plasma	MS/MS 5000	25 - 5000 pg/mL
Trimebutine	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 800 ng/mL
[N-Desmethyltrimebutine total]	Small Molecule	Human	Plasma	MS/MS 3000	5 - 8000 ng/mL
Trimebutine	Small Molecule	Human	Plasma	MS/MS 5000	0.25 - 200 ng/mL
Trimetazidine	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 150 ng/mL
Trimipramine	Small Molecule	Human	Plasma	MS/MS 3000	0.25 - 200 ng/mL
Valacyclovir	Small Molecule	Human	Plasma	MS/MS 3000	1 - 400 ng/mL
[Acyclovir]	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 7.5 µg/mL
Valacyclovir	Small Molecule	Human	Plasma	MS/MS 3000	1 - 400 ng/mL
[Acyclovir]	Small Molecule	Human	Plasma	MS/MS 3000	25 - 7500 ng/mL
Valganciclovir	Small Molecule	Human	Plasma	MS/MS 3000	2.5 - 500 ng/mL
[Ganciclovir]	Small Molecule	Human	Plasma	MS/MS 3000	0.1 - 10 µg/mL
Valproic acid	Small Molecule	Human	Plasma	MS/MS 3000	0.5 - 100 µg/mL
Valsartan	Small Molecule	Human	Plasma	MS/MS 3000	50 - 15000 ng/mL
Valsartan	Small Molecule	Human	Plasma	MS/MS 5000	10 - 10000 ng/mL
Vardenafil	Small Molecule	Human	Plasma	MS/MS 5000	50 - 50000 pg/mL
Venetoclax	Small Molecule	Human	Plasma	MS/MS 5000	2 - 2000 ng/mL
Venlafaxine	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 500 ng/mL
[O-Desmethylvenlafaxine]	Small Molecule	Human	Plasma	MS/MS 5000	1 - 800 ng/mL
Verapamil	Small Molecule	Human	Plasma	MS/MS 3000	1 - 300 ng/mL
Vigabatrin	Small Molecule	Human	Plasma	MS/MS 3000	0.2 - 100 µg/mL

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Analyte	Analyte Class	Species	Matrix	Platform	Concentration Range
Vildagliptin	Small Molecule	Human	Plasma	MS/MS 5000	2 - 500 ng/mL
Voriconazole	Small Molecule	Human	Plasma	MS/MS 3000	10 - 3000 ng/mL
Warfarin	Small Molecule	Human	Plasma	MS/MS 3000	5 - 2500 ng/mL
Warfarin (R)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Warfarin (S)	Small Molecule	Human	Plasma	MS/MS 3000	5 - 1000 ng/mL
Warfarin (R)	Small Molecule	Human	Plasma	MS/MS 3000	25 - 3000 ng/mL
Warfarin (S)	Small Molecule	Human	Plasma	MS/MS 3000	25 - 3000 ng/mL
Zaleplon	Small Molecule	Human	Plasma	MS/MS 5000	0.3 - 50 ng/mL
Zileuton	Small Molecule	Human	Plasma	MS/MS 3000	30 - 15000 ng/mL
Ziprasidone	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 400 ng/mL
Zofenopril	Small Molecule	Human	Plasma	MS/MS 5000	0.5 - 200 ng/mL
Zolmitriptan	Small Molecule	Human	Plasma	MS/MS 5000	50 - 15000 pg/mL
[N-Desmethylzolmitriptan]	Small Molecule	Human	Plasma	MS/MS 5000	50 - 6000 pg/mL
Zolpidem	Small Molecule	Human	Plasma	MS/MS 3000	1 - 300 ng/mL

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