

Bioanalytical Method List

ATM Species	ATM Matrix	Analyte
Human	Plasma	(R,S)-Ketamine & (R,S)-Norketamine
Human	Plasma	(R,S)-Oxybutynin & (R,S)-desethyloxybutynin
Human	Urine	2-Phenylethylamine (PEA)
Human	Plasma	3,4-dihydroxyphenylglycol (DHPG)
Human	Plasma	5-ASA (Mesalamine) & NA-5-ASA
Human	CSF	5-Hydroxyindoleacetic Acid (5-HIAA)
Human	Urine	5-Hydroxyindoleacetic Acid (5-HIAA)
Human	Plasma	6-Mercaptopurine
Human	Plasma	6 β -Naltrexol
Human	Plasma	Abiraterone
Human	Plasma	Acetaminophen
Human	Plasma	Acetazolamide
Human	Whole Blood	Acetazolamide
Human	Plasma	Acetylsalicylic Acid
Human	Plasma	Acitretin & 13-cis-Acitretin
Human	Plasma	Acyclovir
Human	Plasma	Albendazole & Albendazole Sulfoxide
Human	Plasma	Albuterol
Human	Plasma	Alendronate
Human	Plasma	Alfuzosin
Human	Plasma	Aliskiren
Human	Plasma	All-Trans-Retinoic Acid
Rat	Plasma	All-Trans-Retinoic Acid
Human	Plasma	Almotriptan
Human	Plasma	Alprazolam
Human	Plasma	Alvimopan
Human	Plasma	Amantadine
Human	Plasma	Amantadine & N-Acetylamantadine
Human	Plasma	Amlodipine
Human	Plasma	Amphetamine & Lisdexamfetamine
Human	Plasma	Amphotericin B
Human	Plasma	Anagrelide
Guinea Pig	Plasma	Apilimod
Human	Plasma	Apixaban
Human	Plasma	Apomorphine

ATM Species	ATM Matrix	Analyte
Human	Plasma	Apremilast
Human	Plasma	Aripiprazole
Human	Plasma	Armodafinil
Human	Plasma	Asenapine & N-Desmethyl Asenapine
Human	Plasma	Aβ38, Aβ40, and Aβ42
Human	Whole Blood	Atenolol
Human	Plasma	Atomoxetine & N-desmethylatomoxetine
Human	Plasma	Atorvastatin, o-OH-Atorvastatin, & p-OH-Atorvastatin
Human	Plasma	Atovaquone
Human	Plasma	Azelastine & Desmethylazelastine
Human	Plasma	Azithromycin
Beagle	Plasma	Baclofen
Human	Plasma	Baclofen
Human	Plasma	Benazepril & Benazeprilat
Human	Plasma	Benzaldehyde
Human	Plasma	Betrixaban
Human	Plasma	Bexarotene
Human	Plasma	Bicalutamide
Human	Plasma	Bisoprolol
Human	Plasma	Bosentan
Human	Plasma	Bromocriptine
Human	Plasma	Brompheniramine & Pseudoephedrine
Human	Plasma	Budesonide
Human	Plasma	Bumetanide
Human	Urine	Bumetanide
Human	Plasma	Bupivacaine
Beagle	Plasma	Buprenorphine & Norbuprenorphine
Human	Plasma	Buprenorphine & Norbuprenorphine
Human	Plasma	Buprenorphine, Norbuprenorphine & Naloxone
Human	Plasma	Bupropion & Hydroxybupropion
Human	Plasma	Bupropion, Hydroxybupropion, Erythro-hydrobupropion, & Threo-hydrobupropion
Human	Plasma	Cabergoline
Human	Plasma	Caffeine & Paraxanthine
Human	Plasma	Caffeine, Paraxanthine, & Theobromine
Human	Plasma	Cannabidiol
Human	Plasma	Cannabidiol & 7-Hydroxycannabidiol
Rat	Plasma	cannabidiol, 7-hydroxycannabidiol, & 7-carboxycannabidiol
Human	Plasma	Carbamazepine
Human	Plasma	Carbamazepine & Carbamazepine Epoxide
Human	Plasma	Carbidopa & Levodopa
Human	Plasma	Carbinoxamine, Dextromethorphan, & Pseudoephedrine

ATM Species	ATM Matrix	Analyte
Human	Plasma	Carvedilol & 4'-Hydroxycarvedilol
Human	Plasma	Cefuroxime
Human	Plasma	Celecoxib
Human	Plasma	Cephalexin
Human	Plasma	Cetirizine & Pseudoephedrine
Human	Plasma	Cevimeline
Human	Plasma	Chlordiazepoxide & Clidinium
Human	Plasma	Chlorpheniramine
Human	Plasma	Chlorthalidone
Human	Plasma	Cilostazol
Human	Plasma	Cilostazol, OPC-13015, & OPC-13213
Human	Plasma	Cimetidine
Human	Plasma	Cinacalcet
Human	Plasma	Ciprofloxacin
Human	Plasma	Citalopram
Human	Plasma	Citalopram, Desmethylocitalopram, & Didesmethylocitalopram
Human	Plasma	Clarithromycin
Human	Plasma	Clindamycin
Human	Plasma	Clindamycin & Butoconazole
Human	Plasma	Clobazam & N-Desmethyloclobazam
Human	Plasma	Clonidine
Human	Plasma	Clopidogrel & Clopidogrel Carboxylic Acid
Human	Plasma	Cocaine & Ecgonine methyl ester
Human	Plasma	Codeine
Human	Urine	Creatinine
Human	Whole Blood	Cyclosporin A
Human	Plasma	D/L-Amphetamine
Pig	Plasma	D/L-Amphetamine
Human	Plasma	D/L-methylphenidate
Human	Plasma	Dalfampridine
Human	Plasma	Dapsone
Human	Plasma	Darifenacin
Human	Plasma	Dasatinib
Human	Plasma	Demeclocycline
Human	Plasma	Dexmethylphenidate
Human	Plasma	Dextromethorphan & Dextrorphan
Human	Plasma	Diazepam and Nordiazepam
Human	Plasma	Diazepam, Nordiazepam, Oxazepam, & Temazepam
Human	Plasma	Diclofenac
Human	Plasma	Diethylpropion, diethylnorpseudoephedrine, & 2 (ethylamino)propiofenone
Human	Plasma	Digoxin

ATM Species	ATM Matrix	Analyte
Human	CSF	Dihydroxyphenylacetic Acid (DOPAC) & Homovanillic Acid (HVA)
Human	Plasma	Dihydroxyphenylacetic Acid (DOPAC) & Homovanillic Acid (HVA)
Human	Plasma	Diltiazem, DAD, & DMD
Human	Plasma	Diphenhydramine
Human	Plasma	Dipyridamole
Human	Plasma	Disopyramide
Human	Plasma	Donepezil
Human	Plasma	Donepezil & Memantine
Human	Plasma	Dopamine
Human	Plasma	Doxepin & N-desmethyldoxepin
Human	Plasma	Doxorubicin & Doxorubicinol
Human	Plasma	Doxycycline
Human	Plasma	Dronedarone & N-Desbutyl Dronedarone
Human	Plasma	Droxidopa
Human	Plasma	d-threo-methylphenidate & l-threo-methylphenidate
Human	Plasma	Duloxetine
Human	Plasma	Dutasteride
Human	Plasma	E/Z phytonadione
Human	Plasma	Edoxaban
Human	Plasma	Efavirenz
Human	Plasma	Eicosapentaenoic Acid & Docosahexaenoic Acid
Human	Plasma	Eicosapentaenoic Acid Ethyl Ester
Human	Plasma	Eicosapentaenoic Acid Ethyl Ester & Docosahexaenoic acid ethyl ester
Human	Plasma	Eletriptan
Human	Plasma	Emtricitabine & Tenofovir
Human	Plasma	Enalapril & Enalaprilat
Human	Plasma	Enzalutamide
Human	Plasma	Enzalutamide & N-Desmethyl-enzalutamide
Dog	Plasma	Epinephrine
Human	Plasma	Epinephrine
Human	Plasma	Epirubicin
Human	Plasma	Erlotinib
Human	Plasma	Esomeprazole
Human	Plasma	Estrone & Estradiol
Human	Plasma	Estrone Sulfate
Human	Plasma	Eszopiclone
Human	Plasma	Ethinyl Estradiol
Human	Whole Blood	Everolimus
Human	Plasma	Exemestane
Human	Plasma	Ezetimibe
Human	Plasma	Felodipine

ATM Species	ATM Matrix	Analyte
Human	Plasma	Fenofibric Acid
Mouse	Plasma	Fentanyl
Human	Plasma	Fentanyl
Human	Plasma	Fesoterodine & 5-HMT
Human	Plasma	Fexofenadine & Pseudoephedrine
Human	Plasma	Finasteride
Human	Whole Blood	Fingolimod & Fingolimod Phosphate
Human	Plasma	Fluconazole
Human	Plasma	Fluconazole
Human	Plasma	Fluoxetine & Norfluoxetine
Human	Plasma	Fluticasone Propionate
Human	Plasma	Fluticasone Propionate & Azelastine
Human	Plasma	Fluticasone Propionate & Salmeterol
Human	Plasma	Fluvastatin
Human	Plasma	Formoterol
Human	Plasma	Free Dabigatran
Human	Plasma	Free eicosapentanoic acid & Free docosahexaenoic acid
Human	Plasma	Fulvestrant
Human	Plasma	Gabapentin
Human	Plasma	Galanthamine
Human	Plasma	Ganciclovir
Human	Plasma	Glimepiride
Human	Plasma	Glyburide & Metformin
Human	Plasma	Glycopyrronium
Human	Plasma	Goserelin
Human	Plasma	Granisetron & 7-Hydroxygranisetron
Human	Plasma	Criseofulvin
Human	Plasma	Guaifenesin
Human	Plasma	Guanfacine
Human	Serum	Hepcidin-25
Human	Plasma	Homoarginine
Human	Plasma	Hydrochlorothiazide
Beagle	Plasma	Hydrocodone
Human	Plasma	Hydrocodone
Human	Plasma	Hydrocodone & Chlorpheniramine
Mouse	Plasma	Hydromorphone
Human	Plasma	Hydromorphone
Human	Plasma	Hydromorphone & Hydromorphone-3B-D-Glucuronide
Human	Plasma	Ibandronate
Human	Plasma	Ibrutinib
Human	Plasma	Ibuprofen

ATM Species	ATM Matrix	Analyte
Human	Plasma	Imatinib & N-Desmethylimatinib
Human	Plasma	Indomethacin
Human	Plasma	Irbesartan
Human	Plasma	Irinotecan & SN-38
Human	Plasma	Isotretinoin
Human	Plasma	Isradipine
Human	Plasma	Itraconazole & Hydroxyitraconazole
Human	Plasma	Ivacaftor
Human	Plasma	Ketamine & Norketamine
Human	Plasma	Ketoconazole
Human	Plasma	Ketoprofen
Human	Plasma	Ketorolac
Human	Plasma	Lacosamide
Human	Plasma	Lamivudine & Dolutegravir
Human	Plasma	Lamotrigine
Human	Plasma	Lansoprazole
Human	Plasma	Lenalidomide
Human	Plasma	Letrozole
Human	Plasma	Letrozole & Palbociclib
Human	Serum	Leuprolide
Human	Plasma	Levetiracetam
Human	Plasma	Levocetirizine
Human	Plasma	Levodopa & Carbidopa
Human	CSF	Levodopa & Dopamine
Human	Plasma	Levofloxacin
Human	Plasma	Levorphanol
Human	Plasma	Lidocaine
Human	Plasma	Linagliptin
Human	Plasma	Liraglutide
Human	Plasma	Lisinopril
Human	Plasma	Lofexidine
Human	Plasma	Loperamide
Human	Plasma	Lopinavir & Ritonavir
Human	Plasma	Loratadine, Desloratadine, & Pseudoephedrine
Human	Plasma	Losartan & Losartan Acid
Human	Plasma	Lovastatin & Lovastatin Acid
Human	Plasma	Lurasidone
Human	Plasma	Mefenamic Acid
Human	Plasma	Meloxicam
Human	Plasma	Memantine
Human	Plasma	Metaxalone

ATM Species	ATM Matrix	Analyte
Human	Plasma	Metformin
Human	Plasma	Methadone
Human	Plasma	Methotrexate
Human	Plasma	Methotrexate & 7-Hydroxymethotrexate
Human	Plasma	Methylamine
Human	Plasma	Methylhomatropine
Human	Plasma	Methylnaltrexone
Human	Plasma	Methylphenidate
Human	Plasma	Methylpyrrolidone (N-Methyl-2-Pyrrolidone)
Rabbit	Plasma	Methylpyrrolidone (N-Methyl-2-Pyrrolidone)
Rat	Plasma	Methylpyrrolidone (N-Methyl-2-Pyrrolidone)
Human	Plasma	Metoprolol
Human	Plasma	Metronidazole
Human	Plasma	Midazolam & 1-Hydroxymidazolam
Human	Plasma	Minocycline
Human	Plasma	Mirabegron
Human	Plasma	Misoprostic Acid
Human	Plasma	Modafinil, Modafinil Sulfone, & Modafinil Acid
Human	Plasma	Mofetil & Mycophenolic Acid
Human	Plasma	Molindone
Human	Plasma	Mometasone Furoate
Human	Plasma	Monomethyl Fumarate
Human	Plasma	Montelukast
Human	Plasma	Morphine & Codeine
Human	Plasma	Morphine & Morphine-6B-glucuronide
Human	Plasma	Morphine, Morphine-6B-Gluc, & Oxycodone
Human	Plasma	Moxifloxacin
Human	Plasma	Mycophenolic Acid
Beagle	Plasma	Naloxone
Human	Plasma	Naloxone
Rat	Plasma	Naloxone
Human	Plasma	Naloxone & Fentanyl
Human	Plasma	Naloxone & Naloxone-3-B-D-Glucuronide
Human	Plasma	Naltrexone
Human	Plasma	Naltrexone & 6β-Naltrexol
Human	Plasma	Naproxen
Human	Urine	Naproxen
Human	Plasma	Nateglinide
Human	Plasma	Nebivolol
Human	Plasma	Nicotine & Cotinine
Human	Plasma	Nicotinic Acid & Nicotinuric Acid

ATM Species	ATM Matrix	Analyte
Human	Plasma	Nifedipine
Human	Plasma	Nilotinib
Human	Plasma	Nimodipine
Human	CSF	Norepinephrine (NE) & 3,4-Dihydroxyphenylglycol (DHPG)
Human	Plasma	Norethindrone
Human	Plasma	Norgestrel
Human	Plasma	Norgestrel & Norelgestromin
Human	Plasma	Obeticholic Acid, Glyco-Obeticholate Acid, & Tauro-Obeticholic Acid
Human	Plasma	Olanzapine
Human	Plasma	Omeprazole
Human	Plasma	Ondansetron
Human	Plasma	Ornithine & Arginine
Human	Plasma	Oseltamivir & Oseltamivir Acid
Beagle	Plasma	Oxybutynin & Desethyloxybutynin
Human	Plasma	Oxybutynin & Desethyloxybutynin
Rat	Plasma	Oxybutynin & Desethyloxybutynin
Human	Plasma	Oxycodone
Beagle	Plasma	Oxycodone, Oxymorphone, & Noroxycodone
Human	Plasma	Oxycodone, Oxymorphone, & Noroxycodone
Human	Plasma	Oxymetazoline
Human	Plasma	Oxymetholone
Human	Plasma	Oxymorphone & 6B-Hydroxyoxymorphone
Human	Plasma	Paclitaxel
Human	Plasma	Palbociclib
Human	Plasma	Paliperidone
Human	Plasma	Palonosetron
Human	Plasma	Pantoprazole
Human	Plasma	Papaverine
Human	Plasma	Paroxetine
Human	Plasma	Pemetrexed
Human	Plasma	Perampanel
Human	Plasma	Phenobarbital
Human	Plasma	Phenoxybenzamine
Human	Plasma	Phentermine
Human	Plasma	Phenylephrine
Human	Plasma	Phenytoin
Human	Ultrafiltrate	Phenytoin
Human	Plasma	Pilocarpine
Human	Plasma	Pioglitazone
Human	Plasma	Pioglitazone, Hydroxyioglitazone, & Ketopioglitazone
Human	Plasma	Posaconazole

ATM Species	ATM Matrix	Analyte
Human	Plasma	Pramipexole
Human	Plasma	Pravastatin
Human	Plasma	Pregabalin
Human	Plasma	Probenecid
Human	Plasma	Progesterone
Human	Plasma	Promethazine
Human	Plasma	Propranolol
Human	Plasma	Propranolol & Total 4-Hydroxypropranolol
Human	Plasma	Quetiapine
Human	Plasma	Quetiapine, 7-hydroxyquetiapine, & 7-hydroxy-N-desalkylquetiapine
Human	Plasma	Rabeprazole
Human	Plasma	Raloxifene
Human	Plasma	Raloxifene-4'-Glucuronide & Raloxifene-6-Glucuronide
Human	Plasma	Raltegravir
Human	Plasma	Ranitidine
Human	Plasma	Ranolazine
Human	Plasma	Repaglinide
Human	Plasma	Repaglinide
Human	Plasma	Retigabine
Human	Plasma	Ribavirin
Human	Plasma	Rifaximin
Human	Plasma	Rilpivirine
Human	Plasma	Risedronate
Human	Plasma	Risperidone
Human	Plasma	Risperidone & 9-hydroxyrisperidone
Human	Plasma	Ritalinic Acid
Human	Plasma	Rivaroxaban
Human	Plasma	Rizatriptan
Human	Plasma	Ropinirole
Human	Plasma	Rosuvastatin
Human	Plasma	R-Oxybutynin, S-Oxybutynin, R-Desethyloxybutynin, & S-Desethyloxybutynin
Human	Plasma	Ruxolitinib
Human	Plasma	Ruxolitinib
Human	Plasma	R-Warfarin & S-Warfarin
Human	Plasma	Salicylic Acid & Acetylsalicylic Acid
Human	Plasma	Saquinavir
Human	Plasma	Saquinavir, Nelfinavir & Ritonavir
Human	Plasma	Saxagliptin & 5-Hydroxy-Saxagliptin
Human	CSF	Serotonin (5-HT)
Human	Plasma	Serotonin (5-HT)
Human	Plasma	Sertraline

ATM Species	ATM Matrix	Analyte
Human	Plasma	Sildenafil & N-desmethylsildenafil
Human	Plasma	Simvastatin & Simvastatin Acid
Human	Whole Blood	Sirolimus
Human	Plasma	Sitagliptin
Beagle	Plasma	SL-801
Human	Plasma	Sofosbuvir & GS-331007
Human	Plasma	Solifenacin
Human	Plasma	Sorafenib
Human	Plasma	Spironolactone
Human	Plasma	Spironolactone & Canrenone
Human	Plasma	Stavudine (D4T)
Human	Plasma	Sumatriptan
Human	Whole Blood	Tacrolimus
Human	Plasma	Tadalafil
Human	Plasma	Tamsulosin
Human	Plasma	Tapentadol
Human	Plasma	Temazepam
Human	Plasma	Tenofovir
Human	Plasma	Terbinafine
Human	Plasma	Testosterone, Dihydrotestosterone, & Testosterone Undecanoate
Human	Plasma	Tetracycline
Human	Plasma	Thalidomide
Human	Plasma	Thebaine
Human	Serum	Thromboxane B2
Human	Serum	Thyroxine & Triiodo-L-Thyronine
Human	Plasma	Ticagrelor & AR-C124910XX
Human	Plasma	Tiotropium
Human	Plasma	Tolbutamine
Human	Plasma	Tolterodine & 5-hydroxymethyltolterodine (HMT)
Human	Plasma	Topiramate
Human	Plasma	Total Apomorphine
Human	Plasma	Total Dabigatran
Human	Plasma	Total eicosapentanoic acid and Total docosahexaenoic acid
Human	Plasma	Total Estrone
Human	Plasma	Total Ezetimibe
Human	Plasma	Total Naloxone
Human	Plasma	Tramadol & O-desmethyltramadol
Human	Plasma	Tranexamic Acid
Human	Plasma	Trazodone
Human	Plasma	Triamcinolone Acetonide
Mini-Pig	Plasma	Triamcinolone Acetonide

ATM Species	ATM Matrix	Analyte
Human	Plasma	Triamterene
Human	Plasma	Trienine
Human	Plasma	Trientine & N1-Acetyl-Trientine
Human	Plasma	Trospium
Human	Plasma	Tryptophan & Kynurenine
Human	Plasma	UDCA & GUDCA
Human	Plasma	UDCA, GUDCA, & TUDCA
Human	Plasma	Ulipristal Acetate
Human	Plasma	Valproic Acid
Human	Plasma	Valsartan
Human	Plasma	Vancomycin
Human	Plasma	Vardenafil
Human	Plasma	Varenicline
Human	Plasma	Venlafaxine & O-Desmethylvenlafaxine
Human	Plasma	Verapamil & Norverapamil
Human	Plasma	Vigabatrin
Human	Plasma	Vilazodone
Human	Plasma	Vildagliptin
Human	Plasma	Zanamivir
Human	Plasma	Zidovudine (AZT)
Human	Plasma	Ziprasidone
Human	Plasma	Zolmitriptan & N-Desmethyl Zolmitriptan
Human	Plasma	Zolpidem
Human	Serum	Zonisamide
Human	Plasma	Δ9-THC & 11-OH-Δ9-THC