

Bioanalytical solutions

Non proprietary LC-MS/MS assays

Analyte(s)	LLOQ	ULOQ	Unit	Matrix
11-Deoxycorticosterone	10	5000	pmol/L	Plasma
11-Deoxycortisol	25	12500	pmol/L	Plasma
4b-Hydroxycholesterol	2	250	ng/mL	Plasma
5-Acetylsalicylic acid	10	7500	ng/mL	Plasma
Acetylsalicylic acid. Salicylic acid	0.05/0.2	10/40	µg/mL	Plasma
AEA (N-Arachidonylethanolamide)	0.1	20	ng/mL	Plasma
Aldosterone	25	2500	pg/mL	Plasma
Aldosterone	20	10000	pmol/L	Plasma
Alendronate	1	1000	ng/mL	Urine
Alendronate	0.5	500	ng/mL	Plasma
Amlodipine	50	10000	pg/mL	Plasma
Angiotensin I. Angiotensin II	10/2	1000/200	pg/mL	Plasma
Angiotensin II. Angiotensin 1-7	2/1	500/250	pg/mL	Plasma
Apremilast	1	800	ng/mL	Plasma
Aprepitant	3	3000	ng/mL	Plasma
Aprepitant	10	10000	pg/mL	Plasma
Atomoxetine	2	4000	ng/mL	Plasma
Atorvastatin	0.5	250	ng/mL	Plasma
Atorvastatin/O-hydroxy/ P-hydroxy atorvastatin	200/100/20	80000/40000/ 8000	pg/mL	Plasma
Azathioprine/6-Mercaptopurine	1/1	200/200	ng/mL	Plasma
Betahistine	5	200	pg/mL	Plasma

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Bicalutamide	2.5	2500	ng/mL	Plasma
Bisoprolol	0.2	100	ng/mL	Plasma
Bromocriptine	2	500	pg/mL	Plasma
Budesonide	50	2000	pg/mL	Plasma
Budesonide/6-OH Budesonide/ 16-OH Prednisolone	0.1/0.1/0.5	10/10/50	ng/mL	Plasma
Budesonide/6-OH Budesonide/ 16-OH Prednisolone	0.5/0.5/2	50/50/200	ng/mL	Urine
Buprenorphine	5	2000	pg/mL	Plasma
Buprenorphine/Norbuprenorphine	25/25	10000/10000	pg/mL	Plasma
Caffeine	20	5000	ng/mL	Plasma
Caffeine (cocktail)	20	10000	ng/mL	Plasma
Carbamazepine + Carbamazepine epoxide	100/20	10000/2000	ng/mL	Plasma
Carvedilol	0.1	50	ng/mL	Plasma
Celecoxib	10	10000	nmol/L	Plasma
Citalopram	1	200	ng/mL	Plasma
Clarithromycin	100	5000	ng/mL	Plasma
Clindamycin	100	10000	ng/mL	Plasma
Clozapine	5	1000	ng/mL	Plasma
Clozapine	20	200	ng/mL	Plasma
Codeine	1	150	ng/mL	Plasma
COMT activity/Metanephrine	1	150	ng/mL	erythrocytes
Coproporphyrine I/Coproporphyrine III	0.05/0.05	50/50	nmol/L	Plasma

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Coproporphyrine I/Coproporphyrine III	0.05/0.02	50/20	nmol/L	Plasma
Corticosterone	125	62500	pmol/L	Plasma
Cortisol	1	500	ng/mL	Plasma
Cortisol	1	500	ng/mL	Urine
Cortisol	2	1000	nmol/L	Plasma
Cotinine	1	500	ng/mL	Plasma
Cyclosporin A	10	2500	ng/mL	Whole Blood
Dabigatran free	0.2	200	ng/mL	Plasma
Dabigatran total	1	1000	ng/mL	Plasma
Desmopressin	0.5	100	pg/mL	Plasma
Dexamethasone	1	1000	ng/mL	Plasma
Dextromethorphan/Dextrophan (cocktail)	0.2/0.5	200/500	ng/mL	Plasma
Dextrophan/Dextrometorphan (cocktail)	0.025/0.05	12.5/25	ng/mL	Plasma
Diclofenac	10	30000	ng/mL	Plasma
Diclofenac	0.1	50	ng/mL	Plasma
Digoxin	0.1	100	ng/mL	Urine
Digoxin	1	1000	ng/mL	DBS
Digoxin	0.1	100	ng/mL	Plasma
Digoxin	0.5	500	ng/mL	Urine
Digoxin (cocktail)	0.02	10	ng/mL	Plasma
Docetaxel	2.5	1000	ng/mL	Plasma

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Dolutegravir	10	10000	ng/mL	Plasma
Doxorubicin	50	50000	ng/mL	Plasma
Drospirenone	0.1	100	ng/mL	Serum
Drospirenone	0.1	100	ng/mL	Plasma
Dydrogesterone. Dihydrodydrogesterone	0.05/0.5	20/200	pg/mL	Plasma
Efavirenz	2	4000	ng/mL	Plasma
Empagliflocin	02. Mai	400	ng/mL	Plasma
Eprosartan	1	3000	ng/mL	Plasma
Ergotamine	10	300	pg/mL	Plasma
Ergotamine	25	2500	pg/mL	Plasma
Estradiol (E2)	5	500	pg/mL	Plasma
Estradiol/Estrone	1/2	250/500	pg/mL	Plasma
Estriol	02. Mai	250	pg/mL	Plasma
Estrone Sulfate	50	5000	pg/mL	Plasma
Estrone Sulfate	50	5000	pg/mL	Serum
Ethinylestradiol	1	500	pg/mL	Plasma
Ethinylestradiol/Levonorgestrel	2.5/25	250/25000	pg/mL	Plasma
Etonogestrel	25	25000	pg/mL	Plasma
Etonogestrel	25	25000	pg/mL	Plasma
Etoposide	1	1000	ng/mL	Plasma
Exemestane	50	20000	pg/mL	Plasma

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Analyte(s)	LLOQ	ULOQ	Unit	Matrix
Felodipine	50	10000	pg/mL	Plasma
Fenofibric Acid	10	5000	ng/mL	Plasma
Fentanyl	25	5000	pg/mL	Serum
Fexofenadine	1	600	ng/mL	Plasma
Finasteride	0.5	100	ng/mL	Plasma
Fluconazole	15	15000	ng/mL	Plasma
Fluvoxamine	0.2	100	ng/mL	Plasma
Gabapentin	50	10000	ng/mL	Plasma
Gliclazide	5	2500	ng/mL	Plasma
Goserelin	0.2	25	ng/mL	Plasma
Granisetron	0.1	10	ng/mL	Plasma
Hydrochlorothiazide (HCTZ)	1	150	ng/mL	Plasma
Ibuprofen	200	50000	ng/mL	Plasma
Ibuprofen chiral	0.25	30	µg/mL	Plasma
Iloprost	10	400	pg/mL	Plasma
Indapamide/Perindopril/Perindoprilat	0.5/0.25/0.25	100/50/50	ng/mL	Plasma
Indomethacin	20	2000	ng/mL	Plasma
Irbesartan	5	7500	ng/mL	Plasma
Itraconazole	0.5	500	ng/mL	Plasma
Ketamine	1	1000	nmol/L	Plasma
Ketoconazole	5	5000	ng/mL	Serum

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Lamotrigine	10	800	ng/mL	Plasma
Lamotrigine	10	10000	nmol/L	Plasma
LEA (N-Linoleoylethanolamide)	0.5	100	ng/mL	Plasma
Lercanidipine chiral	20	10000	pg/mL	Plasma
Letrozole	10	300	ng/mL	Plasma
Levonorgestrel	25	25000	pg/mL	Plasma
Lisinopril	1	500	ng/mL	Plasma
Losartan/Losartan Carboxylic Acid (E-3174) (cocktail)	0.5/0.5	500/500	ng/mL	Plasma
Meloxicam	10	2000	ng/mL	Plasma
Memantine	20	20000	ng/mL	Urine
Memantine	0.5	500	ng/mL	Plasma
Metformin	10	5000	ng/mL	Plasma
Metformin	1	2500	ng/mL	Plasma
Metformin	10	10000	ng/mL	Urine
Metformin	0.1	250	ng/mL	Plasma
Methocarbamol	0.4	40	µg/mL	Plasma
Methyl-Nicotinamide	1	1000	ng/mL	Plasma
Methyl-Nicotinamide	70	70000	ng/mL	Urine
Methylphenidate	0.1	100	ng/mL	Plasma
Methylprednisolone	0.5	50	ng/mL	Plasma
Metoprolol/Hydroxymetoprolol	0.25/0.1	250/100	ng/mL	Plasma

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Midazolam/1-OH-Midazolam	0.05	50	ng/mL	Plasma
Midazolam/1-OH-Midazolam	3	3000	pg/mL	Plasma
Midazolam/1-OH-Midazolam (cocktail)	0.15/0.05	75/25	ng/mL	Plasma
Midazolam/1-OH-Midazolam (cocktail)	0.1/0.2	100/200	ng/mL	Plasma
Moexipril	1	250	ng/mL	Plasma
Molindone	0.5	192	ng/mL	Plasma
Morphine/Morphine-3-glucuronide/ Morphine-6-glucuronide	0.5	200	ng/mL	Plasma
Moxifloxacin	10	5000	ng/mL	Plasma
N-Acetyl-5-Acetylsalicylic acid	20	10000	ng/mL	Plasma
Niacin (Nicotinic Acid)/Nicotinuric acid	50	750	ng/mL	Plasma
Nicotinamide	10	50000	ng/mL	Plasma
Nicotine	0.2	100	ng/mL	Plasma
Nintedanib	0.25	250	ng/mL	Plasma
Norethindrone	25	25000	pg/mL	Serum
Norethindrone/Ethinylestradiol	25/2.5	25000/250	pg/mL	Plasma
Octreotide	15	30000	pg/mL	Plasma
OEA (N-Oleoylethanolamide)	0.5	100	ng/mL	Plasma
Omeprazole	1	1500	ng/mL	Plasma
Omeprazole/5-OH-Omeprazole	1/1	1500/1500	ng/mL	Plasma
Omeprazole/5-OH-Omeprazole (cocktail)	1/0.5	500/250	ng/mL	Plasma
Omeprazole/5-OH-Omeprazole (cocktail)	0.4/0.4	400/400	ng/mL	Plasma

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Ondansetron	0.1	50	ng/mL	Plasma
Oxybutynin/N-Desethyloxybutynin	0.1	75	ng/mL	Plasma
Paclitaxel	5	5000	ng/mL	Plasma
Paracetamol (Acetaminophen)	0.05	50	µg/mL	Plasma
Paraxanthine	20	5000	ng/mL	Plasma
PEA (N-Palmitoylethanolamide)	0.5	100	ng/mL	Plasma
PEMA (phenylethylmalonamide)	0.1	50	ng/mL	Plasma
Phenobarbital	0.2	100	ng/mL	Plasma
Pirfenidone	100	50000	ng/mL	Plasma
Plasma Renin Activity (Angiotensin I)	10	1000	pg/mL	Plasma
Pravastatin/3-Hydroxypravastatin	0.5	250	ng/mL	Plasma
Pravastatin/3-Hydroxypravastatin	0.05/0.05	100/100	ng/mL	Plasma
Primidone	1	500	ng/mL	Plasma
Progesterone	0.1	100	ng/mL	Plasma
Progesterone	0.05	20	pg/mL	Plasma
Promethazine	200	50000	pg/mL	Plasma
Propafenone and N-despropyl- and 5-Hydroxypropafenone	0.25/0.25/0.25	50/25/25	ng/mL	Plasma
Propoxyphene/Norpropoxyphene	1	750	ng/mL	Plasma
Pseudoephedrine	2	500	ng/mL	Plasma
Repaglinide	200	75000	pg/mL	Serum
Repaglinide + metabolites M1/M4	0.02/0.02/0.02	20/20/20	nmol/L	Plasma

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Analyte(s)	LLOQ	ULOQ	Unit	Matrix
Ribavirin	10	1000	ng/mL	Plasma
Rifampin	50	25000	ng/mL	Plasma
Risperidone	0.1	200	ng/mL	Plasma
Rivastigmine	0.1	20	ng/mL	Plasma
Rosuvastatin	0.1	50	ng/mL	Plasma
Sertraline	0.25	100	ng/mL	Plasma
Sildenafil + N-Desmethylsildenafil	1/0.5	1000/500	ng/mL	Plasma
Simvastatin/Simvastatin Hydroxyacid	0.1/0.1	50/50	ng/mL	Plasma
Simvastatin/Simvastatin Hydroxyacid	0.01	50	ng/mL	Plasma
Sitagliptin	100	25000	pg/mL	Plasma
Tacrolimus	0.1	60	ng/mL	Whole Blood
Temazepam	20	1500	ng/mL	Plasma
Testosterone	100	10000	pg/mL	Plasma
Tolbutamide (cocktail)	50	25000	ng/mL	Plasma
Topiramate	10	1000	ng/mL	Plasma
Trazodone	10	2000	ng/mL	Plasma
Trospium	20	20000	pg/mL	Plasma
Tryptophan, kynurenic acid, kynurenine, and quinolinic acid	2000/5/100/50	200000/500/10000/5000	nmol/L	Plasma
Warfarin chiral	10	3000	ng/mL	Plasma