

Validated Assays - March 2016

Compound Name	Species	Matrix	Anti-coagulant	Method	Calibration Range
Actarit	Human	Plasma	Na Heparin	HPLC	0.1 - 4 µg/mL
Allopurinol	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
almotriptan malate	Human	Plasma	Li Heparin	LC-MS/MS	0.5-200 ng/mL
alogliptin benzoate	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
alogliptin benzoate	Human	Urine	—	LC-MS/MS	5-5,000 ng/mL
alprostadil	Human	Plasma	EDTA-2Na, Indomethacin	LC-MS/MS	1-500 pg/mL
ambroxol	Human	Plasma	Na Heparin	HPLC	2-200 ng/mL
amiodarone	Human	Serum	—	HPLC	5-1,000 ng/mL
amitriptyline	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
amitriptyline	Human	Urine	—	LC-MS/MS	1-500 ng/mL
apaziquone	Human	Urine	—	LC-MS/MS	0.1-20 µg/mL
Aprepitant	Human	Plasma	EDTA-2Na	LC-MS/MS	0.1-40 ng/mL
aspirin	Human	Plasma	Na Heparin	LC-MS/MS	4-40,000 ng/mL
atorvastatin	Human	Plasma	Na Heparin	LC-MS/MS	0.1-20 ng/mL
azasetron hydrochloride	Human	Plasma	EDTA-2Na	LC-MS/MS	0.1-40 ng/mL
Azelnidipine	Human	Plasma	Na Heparin	LC-MS/MS	0.1-50 ng/mL
Azilsartan	Human	Plasma	EDTA-2K	LC-MS/MS	1-2,500 ng/mL
Azilsartan	Human	Urine	—	LC-MS/MS	20-10,000 ng/mL
Azithromycin	Human	Plasma	Na Heparin	LC-MS/MS	10-5,000 ng/mL
Bedoradrine sulfate	Human	Plasma	—	LC-MS/MS	0.05-5 ng/mL
Bedoradrine sulfate	Human	Urine	—	LC-MS/MS	0.5-200 ng/mL
Bendamustine	Human	Plasma	EDTA-K2	LC-MS/MS	0.5-500 ng/mL
Bendamustine	Human	Urine	—	LC-MS/MS	0.1-50 µg/mL
bendamustine hydrochloride	Human	Plasma	EDTA-2K	LC-MS/MS	0.5-500 ng/mL
bendamustine hydrochloride	Human	Urine	—	LC-MS/MS	0.1-50 µg/mL
Benidipine	Human	Plasma	Na Heparin	LC-MS/MS	20 -10,000 pg/mL
Beraprost	Human	Plasma	unknown	LC-MS/MS	10 -1,000 pg/mL
biolimus A9	Human	Blood	EDTA-2K	LC-MS/MS	10-1,000 pg/mL
blonanserin	Human	Plasma	Na Heparin	LC-MS/MS	0.005-1 ng/mL
Budesonide	Human	Plasma	Na Heparin	LC-MS/MS	20-5,000 pg/mL
butenafine hydrochloride	Human	Horny layer	—	HPLC	0.5-50 µg
Cabergoline	Human	Plasma	Na Heparin • EDTA-2Na	LC-MS/MS	1-200 pg/mL
canagliflozin	Human	Plasma	EDTA-2K	LC-MS/MS	1.02-2,040 ng/mL
canagliflozin	Human	Urine	—	LC-MS/MS	1.02-2,040 ng/mL
Candesartan	Human	Plasma	Na Heparin	LC-MS/MS	0.5-500 ng/mL
Capecitabine (plus metabolites 5'DFCR, 5'DFUR, & 5-FU)	Human	Plasma	EDTA-2K	LC-MS/MS	2-500 ng/mL
Carebastine	Human	Plasma	Heparin	LC-MS/MS	2-200 ng/mL
Carvedilol	Human	Plasma	Heparin	HPLC	0.5-150 ng/mL
Cefazolin Na	Human	Plasma	unknown	HPLC	1.0 -200 µg/mL
Cefazolin Na	Human	Urine	unknown	HPLC	10 -200 µg/mL
Cefteram pivoxil	Human	Serum	unknown	HPLC	0.05-5 µg/mL
cetilistat	Human	Plasma	Na Heparin	LC-MS/MS	0.5-100 ng/mL
cetilistat	Human	Urine	—	LC-MS/MS	5-1,000 ng/mL
Cimetidine	Human	Plasma	Na Heparin	HPLC	0.05-5 µg/mL

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Clarithromycin	Human	Plasma	Na Heparin	HPLC	0.05-5 µg/mL
dexlansoprazole	Human	Plasma	Heparin	LC-MS/MS	5-2,000 ng/mL
dexmedetomidine hydrochloride	Human	Plasma	unknown	LC-MS/MS	0.02-20 ng/mL
Dextromethorphan hydrobromide	Human	Urine	—	HPLC	1-20 µg/mL
Diclofenac	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
Disopyramide	Human	Plasma	Na Heparin	HPLC	0.05-5 µg/mL
Docetaxel (IS: Paclitaxel)	Human	Plasma	Na Heparin	LC-MS/MS	5-5,000 ng/mL
Donepezil	Human	Plasma	Na Heparin	LC-MS/MS	0.1-100 ng/mL
ecabet Na	Human	Plasma	Na Heparin	LC-MS/MS	10-1,000 ng/mL
Elvitegravir	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
Elvitegravir	Human	Urine	—	LC-MS/MS	32.5-1,300 ng/mL
epalrestat	Human	Plasma	Na Heparin	HPLC	50-20,000 ng/mL
Famotidine	Human	Plasma	Na Heparin	LC-MS/MS	1-300 ng/mL
farnesylate	Human	Blood	Na Heparin	LC-MS/MS	10-500 ng/mL
Fentanyl	Human	Serum	—	LC-MS/MS	10-5,000 pg/mL
Fexofenadine	Human	Plasma	Na Heparin	LC-MS/MS	10-1,000 pg/mL
Fluvoxamine	Human	Plasma	Na Heparin	LC-MS/MS	0.2-200 ng/mL
Garenoxacin Mesilate Hydrate	Human	Plasma	Na Heparin	LC-MS/MS	0.01-10 µg/mL
Gefarnate	Human	Blood	Na Heparin	LC-MS/MS	5-500 ng/mL
Glimepiride	Human	Plasma	Na Heparin	LC-MS/MS	2.5-2,500 ng/mL
Haloperidol	Human	Serum	—	LC-MS/MS	1-50 ng/mL
Hydrochlorothiazide	Human	Plasma	Na Heparin	HPLC	1-150 ng/mL
Hydrochlorothiazide	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
imipramine	Human	Plasma	Na Heparin	LC-MS/MS	0.1-100 ng/mL
imiquimod	Human	Serum	—	HPLC	50-2,000 pg/mL
imiquimod	Human	Urine	—	HPLC	100-5,000 pg/mL
indomethacin	Human	Horny layer	—	HPLC	200-20,000 ng/tape
Irbesartan	Human	Plasma	Na Heparin	LC-MS/MS	2.5-1,000 ng/mL
itopride hydrochloride	Human	Plasma	Na Heparin	HPLC	10-1,000 ng/mL
itraconazole	Human	Plasma	unknown	HPLC	2-50 ng/mL
Ketoprofen	Human	Horny layer	—	HPLC	0.25-100 µg
Ketotifen Fumarate	Human	Plasma	Na Heparin	LC-MS/MS	10-2,500 pg/mL
landiolol hydrochloride	Human	Plasma	Heparin	HPLC	0.05-10 µg/mL
landiolol hydrochloride	Human	Urine	—	HPLC	0.5-25 µg/mL
lansoprazole	Human	Plasma	Heparin	LC-MS/MS	5-2,000 ng/mL
lansoprazole	Human	Urine	—	LC-MS/MS	50-20,000 ng/mL
Leucovorin calcium	Human	Plasma	Na Heparin	LC-MS/MS	1-100 ng/mL
leukotriene-B4	Human	Blood	Heparin	LC-MS/MS	0.1-10 ng/mL
leukotriene-E4	Human	Urine	unknown	LC-MS/MS	0.1- 10 ng/mL
leuprorelin acetate	Human	Serum	—	LC-MS/MS	0.02-25 ng/mL
Limaprost	Human	Plasma	Na Heparin	LC-MS/MS	0.5-50 pg/mL
Lornoxicam	Human	Plasma	Na Heparin	HPLC	10-2,000 ng/mL
Losartan	Human	Plasma	Na Heparin	LC-MS/MS	0.5-500 ng/mL
Loxoprofen	Human	Plasma	Na Heparin	LC-MS/MS	10-10000 ng/mL
Loxoprofen	Human	Plasma	Na Heparin	HPLC	0.2-20 µg/mL

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Luliconazole	Human	Horny layer	—	LC-MS/MS	10-10,000 ng
manidipine hydrochloride	Human	Plasma	unknown	LC-MS/MS	10-20,000 pg/mL
Meloxicam	Human	Plasma	Na Heparin	LC-MS/MS	3-3,000 ng/mL
Menatetrenone	Human	Plasma	Na Heparin	HPLC	5-1,000 ng/mL
Metafolin	Human	Plasma	Na Heparin	LC-MS/MS	0.5-50 ng/mL
metastin	Human	Plasma	EDTA-2K	LC-MS/MS	5-10,000 pg/mL
metastin	Human	Urine	—	LC-MS/MS	50-100,000 pg/mL
Metformin	Human	Plasma	Na Heparin	LC-MS/MS	5-2,000 ng/mL
Methotrexate	Human	Plasma	Na Heparin	LC-MS/MS	1.00-500 ng/mL
Methotrexate & 7-Hydroxy-Methotrexate	Human	Plasma	Na Heparin	LC-MS/MS	1.00-1,000 ng/mL
midazolam	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
Milnacipran	Human	Plasma	Na Heparin	LC-MS/MS	0.5-200 ng/mL
mitiglinide calcium hydrate	Human	Plasma	Na Heparin	HPLC	5-500 ng/mL
Montelukast	Human	Plasma	Na Heparin	HPLC	20-1,000 ng/mL
Mosapride	Human	Plasma	Na Heparin	LC-MS/MS	0.1-100 ng/mL
Moxifloxacin	Human	Plasma	Na Heparin	LC-MS/MS	10-5,000 ng/mL
moxifloxacin hydrochloride	Human	Plasma	Heparin	HPLC	5-3,000 µg/mL
Naproxen	Human	Plasma	unknown	HPLC	0.5-100 µg/mL
Nortriptyline	Human	Plasma	Na Heparin	LC-MS/MS	0.02-50 ng/mL
Olopatadine	Human	Plasma	Na Heparin	LC-MS/MS	0.5-500 ng/mL
Omeprazole	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
oxycodone	Human	Plasma	EDTA-2K	LC-MS/MS	0.2-50 ng/mL
ozagrel Na	Human	Plasma	Na Heparin	LC-MS/MS	20-1,000 ng/mL
Paclitaxel (IS: Docetaxel)	Human	Plasma	Na Heparin	LC-MS/MS	5-5,000 ng/mL
Parogrelil hydrochloride	Human	Urine	—	LC-MS/MS	0.5-50 ng/mL
Paroxetine	Human	Plasma	Na Heparin	LC-MS/MS	0.05-20 ng/mL
Pazufloxacin	Human	Serum	—	HPLC	0.05-25 µg/mL
Pergolide	Human	Plasma	unknown	LC-MS/MS	1-50 pg/mL
Pilocarpic acid	Human	Plasma	Heparin	LC-MS/MS	0.5-100 ng/mL
Pilocarpic acid	Human	Urine	—	LC-MS/MS	10-1000 ng/mL
pilocarpine hydrochloride	Human	Urine	—	LC-MS/MS	10-1000ng/mL
Pioglitazone	Human	Plasma	Na Heparin	LC-MS/MS	5-5,000 ng/mL
Piperacillin	Human	Plasma	Na Heparin	HPLC	0.2-200 µg/mL
Pitavastatin	Human	Plasma	Na Heparin	LC-MS/MS	0.1-100 ng/mL
Pranlukast hydrate	Human	Plasma	Na Heparin	LC-MS/MS	2-200 ng/mL
Pravastatin	Human	Plasma	unknown	LC-MS/MS	0.5-50 ng/mL
Propofol	Human	Plasma	unknown	HPLC	25 -5000 ng/mL
Quetiapine	Human	Plasma	Na Heparin	LC-MS/MS	0.5-500 ng/mL
Quetiapine Fumarate	Human	Plasma	Na Heparin	LC-MS/MS	2-1,000 ng/mL
radequinil	Human	Plasma	Li Heparin	LC-MS/MS	0.04-5 ng/mL
Rebamipide	Human	Plasma	Na Heparin	LC-MS/MS	0.03-30 ng/mL
Rebamipide	Human	Urine	—	LC-MS/MS	10-1,000 ng/mL
repaglinide	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
ritobegron	Human	Plasma	Heparin	LC-MS/MS	0.5-250 ng/mL
Romidepsin	Human	Plasma	Heparin	LC-MS/MS	0.1-100 ng/mL

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Romidepsin	Human	Urine	—	LC-MS/MS	0.1-100 ng/mL
Salazosulfapyridine	Human	Serum	—	HPLC	0.1-20 µg/mL
Silodosin	Human	Plasma	Na Heparin	HPLC	0.5-50 ng/mL
silodosin	Human	Plasma	Na Heparin	LC-MS/MS	10-2,500 pg/mL
silodosin	Human	Urine	—	HPLC	1-200 ng/mL
Simvastatin	Human	Plasma	unknown	LC-MS/MS	10-1000 pg/mL
Sitagliptin	Human	Plasma	Na Heparin	LC-MS/MS	1-500 ng/ml
Sofalcone	Human	Plasma	unknown	HPLC	0.02-2.00 µg/mL
sucralose	Human	Urine	—	LC-MS/MS	1 -100 µg/mL
Sumatriptan	Human	Plasma	EDTA-3K	LC-MS/MS	0.5-100 ng/mL
Tacrolimus	Human	Plasma	EDTA-K	LC-MS/MS	0.1-100 ng/mL
Tacrolimus	Human	Blood	EDTA-K	LC-MS/MS	0.1-100 ng/mL
Tamibarotene	Human	Plasma	Na Heparin	LC-MS/MS	1-100 ng/mL
Tazobactam	Human	Plasma	unknown	HPLC	0.2 -100 µg/m
Telmisartan	Human	Plasma	Na Heparin	HPLC	0.5-150 ng/mL
Temocapril	Human	Plasma	Na Heparin	LC-MS/MS	1-500 ng/mL
Temsirolimus	Human	Blood	EDTA-2K	LC-MS/MS	20.0-1,000 pg/mL
Theophylline	Human	Plasma	Na Heparin	HPLC	0.05 -50 µg/m
Ticlopidine hydrochloride	Human	Plasma	unknown	HPLC	10-500 ng/mL
Tosufloxacin	Human	Serum	—	HPLC	0.034-0.68 µg/mL
Trandolapril	Human	Plasma	Heparin	LC-MS/MS	0.05-5 ng/mL
Triazolam	Human	Plasma	unknown	HPLC	0.2 -20 ng/mL
Trichlormethiazide	Human	Plasma	Na Heparin	LC-MS/MS	0.5 -200 ng/mL
Valproate	Human	Plasma	unknown	HPLC	0.5-100 µg/mL
Valsartan	Human	Plasma	Na Heparin	LC-MS/MS	5-20,000 ng/mL
Warfarin	Human	Plasma	Na Heparin	LC-MS/MS	1-1,000 ng/mL
Zolpidem	Human	Plasma	Na Heparin	LC-MS/MS	0.5-500 ng/mL
Zonisamide	Human	Plasma	Na Heparin	HPLC	0.05 -1.5 µg/mL