

Non-Proprietary Validated Assays

Tandem Labs was built on partnerships with pharmaceutical companies providing creative method development and validation of hundreds of proprietary compounds. We are currently building our suite of validated assays and welcome requests for assays that meet your specific needs. Please view our website at the following URL for a current list, as it is ever expanding: http://www.tandemlabs.com/services_generics.html.

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Abacavir*	Human Plasma	10.0 – 2,000 ng/mL	K2EDTA	84,68	-20,-70
AFMU	Human Urine	100 – 20,000 ng/mL	None	244	-20
Albuterol	Human Plasma	1.00 – 1,000 pg/mL	K2EDTA		
Aliskiren	Human Plasma	1.00 – 500 ng/mL	K2EDTA	204	-20
Amlodipine	Human Plasma	0.500 – 100 ng/mL	EDTA	47	-20
Amprenavir	Human Plasma	10.0 – 10,000 ng/mL	K3EDTA	72	-20
Aprepitant	Human Plasma	10.0 – 5,000 ng/mL	K3EDTA	214	-20
Armodafinil	Human Plasma	100 – 10,000 ng/mL	K3EDTA	102	-20
Atazanavir	Human Plasma	25.0 – 5,000 ng/mL	K2EDTA	49	-20,-70
Atazanavir	Human Plasma	1.00 – 1,000 ng/mL	K3EDTA		-20
Atazanavir	Human Plasma	10.0 – 5,000 ng/mL	K3EDTA	446	-20
Atorvastatin/ o-Hydroxy / p-Hydroxy	Human Plasma	0.300 – 50.0 ng/mL	K2EDTA	220	-20,-70
Atorvastatin / Lactone / o-Hydroxy / p-Hydroxy	Human Plasma	0.100 – 100 ng/mL	K2EDTA	224	-70
Bortezomib	Human Plasma	0.100 – 25.0 ng/mL	K2EDTA	611	-70
Budesonide	Human Plasma	10.0 – 5,000 pg/mL	K2EDTA	123	-20
Buprenorphine / Norbuprenorphine	Human Plasma	25.0 – 10,000 pg/mL 50.0 – 20,000 pg/mL	K2EDTA		
Bupropion/ Hydroxybupropion/ Ethrohydroxybupropion / Threohydroxybupropion	Human Plasma	1.00 – 1,000 ng/mL	K2EDTA	223	-70
Caffeine	Human Plasma	10.0 – 10,000 ng/mL	K2EDTA	223	-20
Capcitebine / 5'-Deoxy-5-fluorocytidine / 5'-Deoxy-5-fluorouridine	Human Plasma	10.0 – 5,000 ng/mL	Na2 EDTA	240	-20
Carboplatin	Human Plasma Ultrafiltrate	50.0 – 40,000 ng/mL	K2EDTA	262	-70
Carboplatin	Human Plasma	100 – 50,000 ng/mL	K2EDTA		

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Carvedilol	Human Plasma	0.200 – 200 ng/mL	EDTA	560	-70
Cinacalcet	Human Plasma	0.100 – 50.0 ng/mL	K3EDTA	252	-20
Ciprofloxacin / Levofloxacin	Human Plasma	10.0 – 1,000 ng/mL	K3EDTA		
Cotinine / Nicotine	Human Plasma	1.00 – 500 ng/mL 2.00 – 1,000 ng/mL	EDTA	184,~481	-20,-70
Cyclobenzaprine	Human Plasma	0.100 – 50.0 ng/mL	K2EDTA	121	-20
Cytarabine/Uracil	Human Plasma	200 – 50,000 ng/mL	K2EDTA	258	-20
Darifenacin	Human Plasma	50.0 – 10,000 pg/mL	K2EDTA	119	-20
Darunavir*	Human Plasma	20.0 – 4,000 ng/mL	K2EDTA	84,68	-20,-70
Daunorubicin	Human Plasma	0.100 – 10.0 ng/mL	EDTA	200	-70
Daunorubicin/Daunorubicinol	Rat Plasma	10.0 – 1,000 ng/mL	EDTA	211	-70
Daunorubicin/Daunorubicinol	Dog Plasma	10.0 – 1,000 ng/mL	EDTA	211	-70
Dexlansoprazole	Human Plasma	2.00 – 2,000 ng/mL	K2EDTA	104	-20
Dexlansoprazole	Human Plasma	2.00 – 2,000 ng/mL	K2EDTA	84	-70
Dextromethorphan/Dextrorphan	Human Plasma	0.500 – 250 ng/mL	K2EDTA	273	-20
Dextromethorphan/Dextrorphan	Human Urine	1.00 – 500 ng/mL	K2EDTA	89	-20
Diclofenac	Human Plasma	0.100 – 100 ng/mL	NaHep	64	-20
Diclofenac	Human Plasma	10.0 – 2,000 ng/mL	K2EDTA	84	-20
Digoxin	Human Plasma	0.100 – 50.0 ng/mL	K2EDTA	177	-20
Docetaxel	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA	80	-20
Donepezil	Human Plasma	0.100 – 100 ng/mL	K3EDTA	206	-20
Doxorubicin/Doxorubicinol	Human Plasma	1.00 – 1,000 ng/mL	EDTA	211	-70
Duloxetine	Human Plasma	0.200 – 100 ng/mL	K3EDTA	184	-20
Efavirenz	Human Plasma	10.0 – 10,000 ng/mL	K2EDTA	260	-20
Emtricitabine / Tenofovir	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA	330	-20
Entecavir	Human Plasma	50.0 – 20,000 pg/mL	K2EDTA	42, 49	-20,-70
Erlotinib and Metabolite	Human Plasma	10.0 – 4,000 ng/mL	K2EDTA	315	-70
Eszopiclone	Human Plasma	1.00 – 100 ng/mL	K3EDTA	235	-20
Etravirine*	Human Plasma	2.00 - 400 ng/mL	K2EDTA	84,68	-20,-70
Famotidine	Human Plasma	1.00 – 500 ng/mL	K3EDTA	298	-20
Fentanyl	Human Plasma	0.050 – 50.0 ng/mL	K2EDTA		-20,-70
Fluconazole	Human Plasma	100 – 10,000 ng/mL	K3EDTA	133	-20
5-Fluorouracil	Human Plasma	1.00 – 500 ng/mL	EDTA	1095	-20
Fluticasone propionate / Salmeterol	Human Plasma	1.00 – 200 pg/mL	K2EDTA/ K3EDTA	91	-20
Formoterol	Human Plasma	1.00 – 100 pg/mL	K3EDTA	89	-20
Furosemide	Human Plasma	10.0 - 10,000 ng/mL	K2EDTA		
Guanfacine	Human Plasma	50.0 – 5,000 pg/mL	K2EDTA		
Hydrochlorothiazide / Moexipril	Human Plasma	1.00 – 200 ng/mL	K2EDTA	36	-70
Hydromorphone	Human Plasma	25.0 – 5,000 pg/mL	EDTA	87	-20

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Hydromorphone / Hydrocodone / Norhydrocodone	Human Plasma	0.100 – 50.0 ng/mL	K2EDTA	87	-20
Ibandronate	Human Plasma	0.100 – 50.00 ng/mL	K2EDTA	170	-20
Ketoconazole	Human Plasma	50.0 – 5,000 ng/mL	K2EDTA	560	-20
Lamivudine*	Human Plasma	10.0 – 2,000 ng/mL	K2EDTA	84,68	-20,-70
Lenalidomide	Human Plasma	1.00 – 1,000 ng/mL	K2EDTA	376	-20
Levofloxacin / Ciprofloxacin	Human Plasma	10.0 - 1,000 ng/mL	K3EDTA		
Lopinavir	Human Plasma	5.00 – 5,000 ng/mL	K3EDTA	526	-20
Losartan / Losartan carboxylic acid	Human Plasma	1.00 – 1,500 ng/mL	K2EDTA		
Maraviroc	Human Plasma	1.00 – 1,000 ng/mL	K2EDTA	180	-20
Mefenamic acid	Human Plasma	50.0 – 5,000 ng/mL	K3EDTA	119	-70
Memantine	Human Plasma	0.100 – 100 ng/mL	K3EDTA	429	-20
Mesalamine	Acetonitrile extract from Human Plasma	2.00 – 1,000 ng/mL	K2EDTA		
Metformin	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA	56	-70
R,S-Methadone	Human Plasma	5.00 – 1,000 ng/mL	K3EDTA	240	-20
Methotrexate / 7-Hydroxymethotrexate	Human Plasma	1.00 – 500 ng/mL	NaEDTA	527	-20
Methotrexate / 7-Hydroxymethotrexate	Human Plasma	1.00 – 500 ng/mL	K2EDTA	59	-20,-70
Methotrexate / 7-Hydroxymethotrexate	Human Urine	1,000 – 50,000 ng/mL 50.0 – 2,500 ng/mL	None	89	-20
1-Methyluric acid	Human Urine	2,000 - 100,000 ng/mL	None	131	-20
1-Methylxanthine / 1,7-Dimethyluric acid	Human Urine	500 – 50,000 ng/mL	None	21	-20
Metoprolol	Human Plasma	0.500 – 250 ng/mL	Heparin/EDTA	121	-20,-70
Midazolam / 1-Hydroxymidazolam	Human Plasma	0.100 – 10.0 ng/mL	K2EDTA	1093	-20
Midazolam / 1-Hydroxymidazolam / 4-Hydroxymidazolam	Human Plasma	0.100 – 50.0 ng/mL	K2EDTA	117	-20
Moexipril / Hydrochlorothiazide	Human Plasma	1.00 – 200 ng/mL	K2EDTA	36	-70
Morphine / Morphine-6-glucuronide	Human Plasma	0.500 – 100 ng/mL 2.50 – 500 ng/mL	K2EDTA	462	-20
Morphine / Morphine-3-glucuronide / Morphine-6-glucuronide	Human Plasma	0.500 – 50.0 ng/mL 10.0 – 1,000 ng/mL 1.00 – 100 ng/mL	K2EDTA		
Moxifloxacin	Human Plasma	25.0 – 5,000 ng/mL	K2EDTA	94	-20
Moxifloxacin	Human Plasma	25.0 – 5,000 ng/mL	NaHep	175	-20
Moxifloxacin	Human Plasma	25.0 – 5,000 ng/mL	Lithium Heparin	30	-70,-20
Naltrexone / Naltrexol	Human Plasma	20.0 – 2,000 pg/mL	K2EDTA	174	-70
Naltrexone / Naltrexol	Human Plasma	4.00 – 4,000 pg/mL 0.250 – 250.0 pg/mL	K2EDTA	35	-20

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Nelfinavir	Human Plasma	1.00 – 1,000 ng/mL	K3EDTA	100	-20
Nevirapine*	Human Plasma	20.0 – 4,000 ng/mL	K2EDTA	84,68	-20,-70
Nicotine/Cotinine	Human Plasma	1.00 – 500 ng/mL 2.00 – 1,000 ng/mL	EDTA	184,-481	-20,-70
Nifedipine	Human Plasma	1.00 – 250 ng/mL	K2EDTA	277	-20
Nilotinib	Human Plasma	5.00 – 2,000 ng/mL	K2EDTA	102	-20
Nisoldipine	Human Plasma	50.0 – 10,000 pg/mL	K2EDTA	288	-20
Octreotide	Human Plasma	50.0 – 20,000 pg/mL	K2EDTA		
Olanzapine	Human Plasma	0.400 – 100 nM	K2EDTA	234	-20
Omeprazole / 5-Hydroxyomeprazole	Human Plasma	10.0 – 1,000 ng/mL	K3EDTA	141	-20
Oxycodone	Human Plasma	0.200 – 100 ng/mL	EDTA	97	-20
Oxymorphone	Human Plasma	0.050 – 25.0 ng/mL	EDTA	97	-20
Paclitaxel	Human Plasma	10.0 – 5,000 ng/mL	K2EDTA	164	-20,-70
Pramipexole	Human Plasma	50.0 – 5,000 pg/mL	K3EDTA	35	-20
Pregabalin	Human Plasma	50.0 – 20,000 ng/mL	K2EDTA	538	-20
Quetiapine	Human Plasma	0.500 – 2,000 ng/mL	K2EDTA	194, 3	-20,-70
Raltegravir	Human Plasma	1.00 – 1,000 ng/mL	K2EDTA		
Ramelteon	Human Plasma	50.0 – 8,000 pg/mL	K2EDTA	95	-20
Ranolazine	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA		-20,-70
Ribavirin	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA	191	-20,-70
Rifaximin	Human Plasma	0.100 – 10.0 ng/mL	K2EDTA	448	-20
Riluzole	Human Plasma	5.00 – 2,000 ng/mL	K3EDTA		-20
Riluzole	Dried Blood Spot	5.00 – 2,000 ng/mL	K2EDTA		
Risperidone / 9-Hydroxy Risperidone	Human Plasma	0.100 - 100 ng/mL	K2EDTA	219	-20
Ritonavir	Human Plasma	5.00 – 2,500 ng/mL 1.00 – 1,000 ng/mL 5.00 – 5,000 ng/mL	K3EDTA		
Rosiglitazone	Human Plasma	1.00 – 1,000 ng/mL	K2EDTA		
Salmeterol / Fluticasone propionate	Human Plasma	1.00 – 200 pg/mL	K2EDTA K3EDTA	91	-20
Saquinavir*	Human Plasma	2.00 - 400 ng/mL	K2EDTA	84,68	-20,-70
Sitagliptin	Human Plasma	1.00 – 1,000 ng/mL	EDTA	132	-70
Stavudine*	Human Plasma	5.00 – 10,000 ng/mL	K2EDTA	84,68	-20,-70
Tadalafil	Human Plasma	1.00 – 500 ng/mL	K3EDTA	137	-20
Temozolomide	Human Plasma	100 – 20,000 ng/mL	K2EDTA	273	-20
Tenofovir / Emtricitabine	Human Plasma	5.00 – 5,000 ng/mL	K2EDTA	239	-70
Tetracyclines	Human Urine	0.200 – 10.0 mcg/mL			
Tetracycline / Oxytetracycline / Demeclocycline / Doxycycline	Human Urine	200 – 50,000 ng/mL	Human Urine	48	-70
Tiotropium	Human Plasma	0.500 – 500 pg/mL	K2EDTA		

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Tramadol	Human Plasma	5.00 – 500 ng/mL	K2EDTA	309	-20
Trazadone	Human Plasma	10.0 – 5,000 ng/mL	K2EDTA	182	-20
Uracil	Human Plasma	20.0 – 10,000 ng/mL 200 – 50,000 ng/mL	K2EDTA	258	-20
R-Warfarin/ S-Warfarin	Human Plasma	10.0 – 1,000 ng/mL	K3EDTA	988	-20
Valsartan	Human Plasma EDTA	50.0 – 10,000 ng/mL	K3EDTA	621	-20
Vancomycin	Human Plasma	50.0 – 10,000 ng/mL	K2EDTA	63	-20,-70
Vardenafil	Human Plasma	0.200 – 50.0 ng/mL	K2EDTA	623	-20
Vincristine	Human Plasma	0.200 – 300 ng/mL	K2EDTA		-20,-70
Voriconazole	Human Plasma	5.00 – 5,000 ng/mL	K3EDTA	623	-20
Zidovudine*	Human Plasma	4.00 – 800 ng/mL	K2EDTA	84,68	-20,-70

*These compounds are also offered as a combo assay.

Under Development

Compound	Matrix	Calibration Range	Anti-Coag	LTMS	Temp
Acamprosate	Human Plasma	0.500 – 200 ng/mL			
Estradiol	Human Plasma	1.00 – 500 pg/mL			
Estrone	Human Plasma	5.00 – 2,500 pg/mL			
Ethinyl Estradiol	Human Plasma	1.00 – 500 pg/mL			
Tolbutamide / 4-Hydroxytolbutamide	Human Plasma	5.00 - 5,000 ng/mL	K2EDTA		