



## Validated Assays List

Compound (Metabolite, Biomarker)	Matrix	Method	LLOQ	Status*
<b>Abacavir</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Abacavir/ Lamivudine</b>	Plasma	LC-MS/MS	50 ng/mL 50 ng/mL	Active
<b>Abiraterone</b>	Plasma	LC-MS/MS	0.2 ng/mL	Active
<b>Acetaminophen / Chlorpheniramine</b>	Plasma	LC-MS/MS	10 ng/mL 0.1 ng/mL	Active
<b>Acetaminophen / Caffeine</b>	Plasma	LC-MS/MS	10 ng/mL 100 ng/mL	Active
<b>Acetylsalicylic acid / Salicylic acid</b>	Plasma	LC-MS/MS	4 ng/mL 15 ng/mL	Active
<b>Acotiamide</b>	Plasma	LC-MS/MS	0.5 ng/ml	Active
<b>Ademethionine</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Ambroxol</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Ambroxol / Cetirizine</b>	Plasma	LC-MS/MS	1 ng/mL 4 ng/mL	Active
<b>p-Aminosalicylic acid</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Amlodipine</b>	Plasma	LC-MS/MS	0.2 ng/mL	Active
<b>Amlodipine / Metoprolol</b>	Plasma	LC-MS/MS	0.2 ng/mL 0.1 ng/mL	Active
<b>Amlodipine / Telmisartan</b>	Plasma	LC-MS/MS	0.2 ng/mL 2.5 ng/mL	Active
<b>Amoxicilline / Clavulanic acid</b>	Plasma	LC-MS/MS	100 ng/mL 50 ng/mL	Active
<b>Anandamide</b>	Plasma	LC-MS/MS	0.1 ng/mL	Active
<b>2-Arachidonoyl glycerol</b>	Plasma	LC-MS/MS	0.5 ng/mL	Active
<b>Arginine</b>	Plasma	LC-MS/MS	4 µg/mL	Active
<b>Atazanavir</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Atorvastatin</b>	Plasma	LC-MS/MS	0.2 ng/mL	Active
<b>Atorvastatin / Valsartan</b>	Plasma	LC-MS/MS	0.2 ng/mL 10 ng/ml	Active
<b>Bosentan</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Bicalutamide</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Buspironone / 6-Hydroxy buspironone / 2-(1- Piperazinyl)pyrimidine (1-PP)</b>	Plasma	LC-MS/MS	20/50pg/mL 0.5 ng/mL	Active

<b>Capecitabine / 5-Fluorouracil</b>	Plasma	LC-MS/MS	20 ng/mL 20 ng/mL	Active
<b>Celecoxib</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Cetirizine (Levocetirizine)</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Cinacalcet</b>	Plasma	LC-MS/MS	0.1 ng/mL 0.05 ng/mL	Active
<b>Cisplatin</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Citalopram</b>	Plasma	LC-MS/MS	0.3 ng/mL	Active
<b>Clopidogrel / Carboxylic acid Clopidogrel</b>	Plasma	LC-MS/MS	10 pg/ml 100 ng/mL	Active
<b>Coenzyme Q<sub>10</sub> / reduced Coenzyme Q<sub>10</sub> (ubiquinol)/ Coenzyme Q<sub>9</sub></b>	Plasma Tissue	LC-MS/MS	1 µg/mL	Active
<b>Corticosterone</b>	Urine	HPLC/UV	5 ng/mL	Active
<b>Cortineff</b>	Urine	LC-MS/MS	1 ng/mL	Inactive
<b>Cortisol (6β-Hydroxycortisol)</b>	Urine	HPLC/UV	5 ng/mL	Active
<b>Cortisone</b>	Urine	HPLC/UV	5 ng/mL	Active
<b>Creamide</b>	Plasma	LC-MS/MS	0.1 µg/mL	Active
<b>Cycloserine</b>	Plasma	LC-MS/MS	0.3 µg/mL	Active
<b>Dapoxetine</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Darunavir</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Dasatinib</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Desloratadin</b>	Plasma	LC-MS/MS	50 pg/ml	Active
<b>Dexamethasone</b>	Urine	HPLC/UV	1 ng/mL	Active
<b>Diclofenac / Tolperisone</b>	Plasma	LC-MS/MS	50 ng/mL 0.5 ng/mL	Active
<b>Docetaxel</b>	Plasma	LC-MS/MS	2 ng/mL	Active
<b>Dopamine</b>	Plasma Urine	HPLC/ED	0.35 ng/mL	Active
<b>Doxepin / N-Desmethyldoxepin</b>	Plasma	LC-MS/MS	100 pg/ml 100 pg/ml	Active
<b>Doxorubicin</b>	Plasma Tissue	LC-MS/MS	0.5 ng/mL	Active
<b>Dutasteride / Tamsulosin</b>	Plasma	LC-MS/MS	0.1/ 0.2 ng/mL	Active
<b>Efavirenz</b>	Plasma	LC-MS/MS	100 ng/mL	Active
<b>Emtricitabine</b>	Plasma	LC-MS/MS	20 ng/mL	Active
<b>Emtricitabine / Tenofovir</b>	Plasma	LC-MS/MS	10 ng/mL 4 ng/mL	Active

<b>Entecavir</b>	Plasma	LC-MS/MS	0.1 ng/mL	Active
<b>Epinephrine</b>	Plasma Urine	HPLC/ED	0.2 ng/mL	Active
<b>Eplerenone</b>	Plasma	LC-MS/MS	25 ng/mL	Active
<b>Eremomycin</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Ethinylestradiol</b>	Plasma	LC-MS/MS	-	Development
<b>Etoricoxib</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Febuxostat</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Fexofenadine</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Finasteride</b>	Plasma	LC-MS/MS	-	Development
<b>Fingolimod ( FTY720 )/ Fingolimod phosphate ( FTY720-P)</b>	Blood	LC-MS/MS	50 pg/mL 70 pg/mL	Active
<b>Fingolimod ( FTY720 )/</b>	Blood	LC-MS/MS	20 pg/mL	Development
<b>Fosfomycin</b>	Plasma	LC-MS/MS	1 mkg/ml	Active
<b>Gliclazide</b>	Plasma	LC-MS/MS	20 ng/mL	Active
<b>Homovanillic acid</b>	Urine	HPLC/ED	10 ng/mL	Active
<b>Ibandronic Acid</b>	Plasma	LC-MS/MS	0.8 ng/mL	Active
<b>Ibuprofen</b>	Plasma	LC-MS/MS	200 ng/mL	Active
<b>Imatinib</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Irbesartan</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Itopride</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Ketorolac</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Kynurenine</b>	Plasma	HPLC/UV	10 ng/mL	Inactive
<b>Kynurenic acid</b>	Plasma	HPLC/UV	20 ng/mL	Inactive
<b>Lenalidomide</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Lercanidipine</b>	Plasma	LC-MS/MS	50 pg/ml	Active
<b>Levetiracetam</b>	Plasma	LC-MS/MS	200 ng/mL	Active
<b>Levofloxacin</b>	Plasma	LC-MS/MS	250 ng/mL	Active
<b>Levonorgestrel</b>	Plasma	LC-MS/MS	0.45 ng/mL	Active
<b>Lidocaine</b>	Plasma	LC-MS/MS	1 ng/mL	Active

<b>Linezolid</b>	Plasma	LC-MS/MS	100 ng/mL	Active
<b>Lipoic acid</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Lisinopril</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Losartan</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Losartan / Hydrochlorothiazide</b>	Plasma	LC-MS/MS	1.5 ng/mL 1 ng/mL	Active
<b>Marcaine</b>	Plasma Tissue	LC-MS/MS HPLC/UV	1 ng/mL	Active
<b>Mebeverin Acid/ o-desmethyl mebeverine acid</b>	Plasma	LC-MS/MS	1 ng/mL 5 ng/mL	Active
<b>Meloxicam</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Melphalan</b>	Plasma Tissue	LC-MS/MS	0.3 ng/mL	Active
<b>Memantine</b>	Plasma	LC-MS/MS	0.3 ng/mL	Active
<b>Metanephrine</b>	Urine	HPLC/ED	10 ng/mL	Active
<b>Metoprolol</b>	Plasma	LC-MS/MS	0.1 ng/mL	Active
<b>Mexidol (Emoxypine)</b>	Plasma	LC-MS/MS	0.5 ng/mL	Active
<b>Mildronate</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>4-Methylaminoantipyrine (Metamizole metabolite)</b>	Plasma	LC-MS/MS	100 ng/mL	Active
<b>Mitomycin C</b>	Plasma Tissue	LC-MS/MS	0.6 ng/mL	Active
<b>Mitoxantrone</b>	Plasma Tissue	LC-MS/MS	5 ng/mL	Inactive
<b>Montelukast/ Cetirizine</b>	Plasma	LC-MS/MS	10 ng/mL 1 ng/mL	Active
<b>Moxifloxacin</b>	Plasma	LC-MS	2 ng/mL	Active
<b>Naftidrofuryl</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Naloxone</b>	Plasma	LC-MS/MS	80 pg/mL	Active
<b>Naltrexone</b>	Plasma	LC-MS/MS	150 pg/mL	Active
<b>Nevirapine</b>	Plasma	LC-MS/MS	80 ng/mL	Active
<b>Nifedipine/ Lidocaine</b>	Plasma	LC-MS/MS	0.5 ng/mL 1 ng/mL	Active
<b>Nilotinib</b>	Plasma	LC-MS/MS	2 ng/mL	Active
<b>Nimesulide</b>	Plasma	LC-MS/MS	20 ng/mL	Active
<b>Norepinephrine</b>	Plasma Urine	HPLC/ED	0.2 ng/mL	Active
<b>Normetanephrine</b>	Urine	HPLC/ED	5 ng/mL	Active

<b>Oxybutynin</b>	Plasma Tissue	LC-MS/MS	0.5 ng/mL	Active
<b>Oseltamivir carboxylate</b>	Plasma	LC-MS/MS	2 ng/mL	Active
<b>PAS (4-Aminosalicylic acid)</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Pazopanib</b>	Plasma	LC-MS/MS	300 ng/mL	Active
<b>Penciclovir</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Perindopril / Perindoprilat</b>	Plasma	LC-MS/MS	0.4 ng/mL	Active
<b>Perindoprilat / Indapamide</b>	Plasma	LC-MS/MS	0.4 ng/mL 0.3 ng/mL	Active
<b>Phenibut</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Phenylephrine</b>	Plasma	LC-MS/MS	30 pg/ml	Active
<b>Pregabalin</b>	Plasma	LC-MS/MS	50 ng/mL	Active
<b>Rabeprazole</b>	Plasma	LC-MS/MS	2 ng/mL	Active
<b>Ranolazine</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Ramipril / Ramiprilat</b>	Plasma	LC-MS/MS	0.2 ng/mL 0.5 ng/mL	Active
<b>Ritonavir</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Rivaroxaban</b>	Plasma	LC-MS/MS	0.5 ng/mL	Active
<b>Rhein (Diacerein)</b>	Plasma	HPLC/UV	100 ng/mL	Active
<b>Ropinipole</b>	Plasma	LC-MS/MS	10 pg/mL	Active
<b>Rosuvastatin</b>	Plasma	LC-MS/MS	0.2 ng/mL	Active
<b>Salbutamol</b>	Plasma	LC-MS/MS	0.2 ng/mL	Active
<b>Serotonin</b>	Plasma	HPLC/UV	10 ng/mL	Active
<b>Sildenafil</b>	Plasma	LC- MS/MS	5 ng/mL	Active
<b>Sildenafil</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Simvastatine / Simvastatin acid</b>	Plasma	LC-MS/MS	-	Development
<b>Solifenacin</b>	Plasma	LC-MS/MS	0.5 ng/mL	Active
<b>Spirolactone / Canrenone</b>	Plasma	LC-MS/MS	2 ng/mL 2 ng/mL	Active
<b>Stavudine</b>	Plasma	HPLC/UV	30 ng/mL	Active
<b>Succinic acid</b>	Plasma	LC-MS/MS	0.1 µg/mL	Active
<b>Tadalafil</b>	Plasma	LC-MS/MS	5 ng/ml	Active
<b>Tacrolimus</b>	Blood	LC-MS/MS	0.5 ng/mL 0.1 ng/mL	Active Active

Bioanalytical Laboratory CSU “Analytical Spectrometry”

<b>Telmisartan</b>	Plasma	LC-MS/MS	3 ng/mL	Active
<b>Telmisartan/ Hydrochlorothiazide</b>	Plasma	LC-MS/MS	3 ng/mL 1 ng/mL	Active
<b>Tenofovir</b>	Plasma	LC-MS/MS	4 ng/mL	Active
<b>Terizidone</b>	Plasma	LC-MS/MS	0.3 µg/mL	Active
<b>Thyroxine (T4)</b>	Serum	LC-MS/MS	30 ng/mL	Active
<b>Troventol</b>	Plasma	LC-MS/MS	35 pg/mL	Active
<b>Troxerutin</b>	Plasma	LC-MS/MS	20 pg/ml	Active
<b>Tryptophan</b>	Plasma	HPLC/UV	10 ng/mL	Active
<b>Quetiapine</b>	Plasma	LC-MS/MS	1 ng/mL	Active
<b>Valsartan</b>	Plasma	LC-MS/MS	10 ng/mL	Active
<b>Vanillyl mandelic acid</b>	Urine	HPLC/UV	10 ng/mL	Active
<b>Vinblastine</b>	Plasma Tissue	LC-MS/MS HPLC/UV	1 ng/mL	Active
<b>Voriconazole</b>	Plasma	LC-MS/MS	20 ng/mL	Active
<b>Warfarin</b>	Plasma	LC-MS/MS	5 ng/mL	Active
<b>Zidovudine</b>	Plasma	LC-MS/MS	40 ng/mL	Active
<b>Zidovudine / Lamivudine</b>	Plasma	LC-MS/MS	30 ng/mL 25 ng/mL	Active

\* Inactive methods and older methods may require a revalidation fee to bring them up-to-date with the current EMA/FDA Guideline

CSU “Analytical Spectrometry” develops and validates many bioanalytical methods for clients. Please inquire for any methods not listed, and we will prepare a customized quotation and project schedule that meets your needs.