

LCMS VALIDATED ASSAYS LIST

Intertek Pharmaceutical Services has developed a list of validated LC-MS generic assays.

The following list of validated non-proprietary Liquid Chromatography - Mass Spectrometry (LC-MS/MS) assays are available for your review. Please contact us if you would like to discuss these services further or if you would like to discuss the development and validation of LC-MS bioanalytical assays for other compounds.

Compound(s)	Species	Matrix	Anticoagulant	Assay Range
Acetaminophen	Human	Plasma	K2EDTA	50-30,000 ng/mL
Aldosterone	Human	Urine	NA	0.5-100ng/mL
Aldosterone/11-deoxycortisol	Human	Plasma	K2EDTA	10-2500pg/mL
Atorvastatin / Metabolites	Human	Plasma	K2EDTA	0.05-50 ng/mL
Cortisol/Corticosterone	Human	Plasma	K2EDTA	10-500ng/mL / 0.5-25ng/mL
Cyclosporin A	Human	Whole Blood	EDTA	0.1-100ng/ml
Dexamethasone	Human	Plasma	K2EDTA	2-500ng/ml
Docetaxel	Human	Plasma	NaHep	1-1000ng/ml
Doxorubicin	Human	Plasma	K3EDTA	5-1000ng/ml
Dronedaron / Debutylidrone- darone	Human	Plasma	K2EDTA	0.5-250ng/ml
Drospirenone	Human	Plasma	K2EDTA	2-1000ng/ml
Ethinyl Estradiol	Human	Plasma	K2EDTA	2.5-500pg/ml
Gemcitabine / dFdU	Human	Plasma	NaHep	5-1000ng/ml
Itraconazole/ Hydroxyitra- conazole	Human	Plasma	K2EDTA	1-500ng/ml / 2-1000ng
Irinotecan/SN-38	Human	Plasma	K2EDTA	1-500ng/mL / 0.5-250ng/mL
Lidocaine / MEGX	Human	Plasma	K2EDTA	1-500ng/ml
Linezolid	Human	Plasma	K2EDTA	0.05-20µg/mL
Metformin	Human	Plasma	K2EDTA	10-2500ng/mL
Methotrexate	Human	Plasma	K2EDTA	0.5-500ng/ml
Omeprazole	Human	Plasma	NaHep	1-1000ng/ml
Paclitaxel	Human	Plasma	NaHep	1-500ng/ml
Paclitaxel	Human	Whole Blood	K3EDTA	5-1000ng/ml
Ranolazine	Human	Plasma	NaHep	50-10000ng/ml
Simvastatin / Simvastatin Acid	Human	Plasma	K2EDTA	0.2-25ng/ml
Vancomycin	Human	Plasma	K2EDTA	10-5000ng/mL
Vinorelbine	Human	Plasma	NaHep	0.2-25ng/ml
(R)-Warfarin & (S)-Warfarin	Human	Plasma	K2EDTA	2-400ng/ml