

Advanced Methods to Deliver Consistent, Reliable Data

Validated bioanalytical methods list

IQVIA Laboratories leads with science and operates one of the world's largest and most respected bioanalytical laboratory networks. From our 30+ years of experience, we have developed numerous robust methods which are used to deliver the vital data you need. Beyond those listed below, we can also develop customized methods to meet your specific challenge.

LC-MS/MS methods

COMPOUND/METABOLITE	MATRIX
1MX and AFMU (caffeine metabolites)	Human urine
5-Fluorouracil (5-FU)	Human plasma
Acetaminophen, Hydrocodone, Hydromorphone, Norhydrocodone	Human Plasma
Aciclovir	Human plasma
Amlodipine	Human plasma
Amphetamine (achiral)	Human plasma
Aprepitant	Human plasma
Ara-Uridine	Human plasma
Asenapine and Desmethylenapine	Human plasma
Atomoxetine; S,S-Reboxetine	Human plasma
Atorvastatin, 2-OH Atorvastatin, 4-OH Atorvastatin	Human plasma
Atorvastatin; o-Hydroxyatorvastatin; p-Hydroxyatorvastatin	Human plasma
Bortezomib	Human plasma
Bupivacaine	Human plasma
Bupropion; Hydroxybupropion	Human plasma
Caffeine; Paraxanthine	Human plasma
Capecitabine; 5'-DFCR/5'-DFUR/5-FU/FBAL	Human plasma
Carbamazepine 10,11-epoxide	Human plasma
Carbamazepine	Human plasma
Clopidogrel Acid	Human plasma
Clopidogrel	Human plasma
Clorazepate	Human plasma
Cocaine, BE, EME	Human plasma
Cortisol and Cortisone	Human urine
Cyclosporine A	Human blood
Cytarabine	Human plasma
D-Amphetamine; L-Amphetamine (chiral)	Human plasma
Danazol	Human plasma

COMPOUND/METABOLITE	MATRIX
Daunorubicin; Daunorubicinol	Human plasma
Decitabine	Human plasma
Desipramine/2-Hydroxydesipramine	Human plasma
Dextromethorphan	Human plasma
Dextrorphan	Human plasma
Diclofenac	Human plasma
Digoxin	Human serum, Human plasma, and Human urine
Docetaxel	Human plasma
Duloxetine	Human plasma
Epinephrine	Human plasma
Erlotinib	Human plasma
Erythromycin	Human plasma
Fenofibric Acid	Human plasma
Fentanyl	Human plasma
Fluconazole	Human plasma
Flurbiprofen	Human Plasma
Gemcitabine	Human plasma
Gemcitabine; 2', 2'-Difluorodeoxyuridine	Human plasma
Glyburide (total)	Human plasma
Imatinib	Human plasma
Isradipine	Human plasma
Itraconazole; Hydroxy Itraconazole	Human plasma
Ketoconazole	Human plasma
Lamivudine (as part of Combivir®)	Human plasma and Human urine
Lovastatin; Lovastatin Acid	Human plasma
Lumefantrine	Human plasma
Metformin	Human plasma
Methotrexate	Human plasma
Methotrexate/7-Hydroxymethotrexate	Human urine and Human plasma
Methylphenidate; α-Phenyl-α-(2-Piperidyl) Acetic Acid	Human plasma
Metoprolol; α-Hydroxymetoprolol	Human plasma
Midazolam and 1-hydroxymidazolam	Human plasma
Montelukast/36-Hydroxy Montelukast	Human plasma
Moxifloxacin	Human plasma
Nisoldipine	Human plasma
Nordiazepam	Human plasma
Paclitaxel; 6-Hydroxypaclitaxel	Human plasma
Paliperidone	Human plasma
Paroxetine	Human plasma
Pemetrexed	Human plasma
Pravastatin	Human plasma
R- and S-Amphetamine	Human plasma
R- and S-Methadone	Human plasma
Repaglinide	Human plasma
Rifampicin (Rifampin)	Human plasma
Risperidone	Human plasma
Ritonavir	Human plasma
Rivastigmine	Human plasma
Ropivacaine	Human plasma

contd.

COMPOUND/METABOLITE	MATRIX
Rosiglitazone	Human plasma
Rosuvastatin	Human plasma and Human urine
R-Warfarin; S-Warfarin (chiral)	Human plasma
Sildenafil; N-Desmethyl Sildenafil	Human plasma
Simvastatin and Simvastatin Hydroxy Acid	Human plasma
Simvastatin; Simvastatin Acid	Human plasma
Sunitinib/Desethyl Sunitinib	Human plasma
Telaprevir	Human plasma
Tenofovir	Human plasma
Tolbutamide, 4-Hydroxytolbutamide, Omeprazole, 5-OH Omeprazole, Dextromethorphan, Dextrorphan	Human plasma
Tolbutamide; 4-Hydroxytolbutamide	Human plasma
Tolterodine; 5-Hydroxymethyl Tolterodine	Human plasma
Valproic Acid	Human serum
Verapamil; Norverapamil	Human plasma
Zidovudine (as part of Combivir®)	Human plasma and Human urine
Ziprasidone	Human plasma

Immunoassay biomarker methods

BIOMARKER/ANALYTE ON ELISA PLATFORM	MATRIX
HER-2/neu	Human serum
β-NGF (free)	Human serum
IGF-1 (total)	Human serum
IGF-1 (free)	Human serum
sECAD	Human serum
sEGFr	Human serum
VEGF	Human plasma

LC-MS biomarker methods

BIOMARKER METHOD DEVELOPMENT AND VALIDATION EXPERTISE	
Amino Acids, Lipids, Neurotransmitters, Nucleotides, Hormones, Peptides, Proteins — immunoprecipitation, digestion, immunoaffinity LC-LC/nano LC-MS/MS.	
BIOMARKER METHODS	
BIOMARKER	MATRIX
9 Essential Amino Acid Panel	Human plasma
4β-Hydroxycholesterol	Human plasma
β-Nerve Growth Factor (NGF)	Human serum
Cholesterol	Human plasma
Citrulline	Human plasma
7α-Hydroxy-4-cholesten-3-one (C4)	Human serum
Insulin	Human serum
Rat Hepcidin	Rat serum
TL1A	Human serum

In vitro ADME and Metabolite Identification services are also available by visiting:

<https://labs.iqvia.com/ADMEAssaysList>