

Labcorp nonproprietary assays TA update December 2024

Multi-analyte methods

Analyte	Therapeutic Area	Disease	Species	Matrix	LLOQ-ULOQ	Aliquot Volume	Anticoagulant	Temp.	Status
Abacavir / Darunavir / Etravirine / Lamivudine / Nevirapine / Saquinavir / Stavudine / Zidovudine	Anti-infective	HIV	Human	Plasma	10.0-2,000 ng/mL / 20.0-4,000 ng/mL / 2.00-400 ng/mL / 10.0-2,000 ng/mL / 20.0-4,000 ng/mL / 2.00-400 ng/mL / 5.00-1,000 ng/mL / 4.00-800 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Acetaminophen / Acetaminophen glucuronide	CNS	Pain	Human	Plasma	0.0100 to 10.0 µg/mL / 0.0250 to 25.0 µg/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Amoxicillin / Clavulanic acid	Anti-infective	Bacterial Infections, Antibiotic	Human	Plasma	15.0 to 15000 ng/mL / 5.00 to 5000 ng/mL	50.0 µL	EDTA	-70°C	Active (Shanghai Only)
Atazanavir / Ritonavir	Anti-infective	HIV	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Atorvastatin / p-Hydroxy Atorvastatin / o-Hydroxy Atorvastatin	Metabolic	High Cholesterol	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Benazepril / Benazeprilat	Cardiovascular	High Blood Pressure	Human	Plasma	1.00 to 500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Bendamustine / M3	Oncology	Chronic Lymphocytic Leukemia, Multiple Myeloma, And Non-Hodgkin'S Lymphoma	Human	Plasma	0.250-250 ng/mL / 0.100-100 ng/mL	100 µL	EDTA	-70°C	Active
Bendamustine / M3	Oncology	Chronic Lymphocytic Leukemia, Multiple Myeloma, And Non-Hodgkin'S Lymphoma	Human	Plasma	10.0-10,000 ng/mL / 1.00-1,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Benzbromarone / 6-hydroxy Benzbromarone	Metabolic	Metabolite Of Benzbromarone, Used For Gout	Human	Plasma	5.00 to 5000 ng/mL / 2.50 to 2500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Budesonide / Formoterol	Pulmonary	Asthma And Chronic Obstructive Pulmonary Disease	Human	Plasma	3.00-300 pg/mL / 1.00-100 pg/mL	500 µL	EDTA	Pending	Active
Buprenorphine / Norbuprenorphine	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	25.0-10,000 pg/mL / 50.0-20,000 pg/mL	400 µL	EDTA	-20°C, -70°C	Active
Buprenorphine / Norbuprenorphine / Naloxone	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	0.0500-20.0 ng/mL / 0.100-40.0 ng/mL / 0.00500-2.00 ng/mL	500 µL	EDTA	-20°C, -70°C	Active
Buprenorphine / Norbuprenorphine / Naloxone	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	100-25,000 pg/mL / 100-25,000 pg/mL / 20.0-5,000 pg/mL	200 µL	EDTA	-70°C	Active
Bupropion / Erythrohydrobupropion / Hydroxybupropion / Threohydrobupropion	CNS	Major Depressive Disorder And To Support Stopping Smoking	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Bupropion / Hydroxy Bupropion	CNS	Major Depressive Disorder And To Support Stopping Smoking	Human	Plasma	Bupropion: 1-250 ng/mL Hydroxy Bupropion: 1.00 to 1000 ng/mL	50.0 µL	EDTA	-70°C	Active
Caffeine / Paraxanthine	Biomarker	Biomarker Of Coffee Use	Human	Plasma	25.0-20,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Cortisol / 6beta-hydroxycortisol	Biomarker	Biomarker	Human	Urine	1.00-400 ng/mL / 2.50-1,000 ng/mL	100 µL	NA	-20°C, -70°C	Active

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Desloratadine / 3-OH Desloratadine	Pulmonary	Tricyclic H1 Antagonist That Is Used To Treat Allergies. It Is An Active Metabolite Of Loratadine	Human	Plasma	Desloratadine: 20.0 to 10000 pg/mL 3-OH Desloratadine: 20.0 to 10000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Dextromethorphan / Dextrorphan	Pulmonary	Cough	Human	Urine	1.00-500 ng/mL / 50.0-25,000 ng/mL	100 µL	NA	-20°C	Active
Dextromethorphan / Dextrorphan	Pulmonary	Cough	Human	Plasma	0.0100-10.0 ng/mL / 0.300-300 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Dextromethorphan / Dextrorphan	Pulmonary	Cough	Human	Plasma	0.500-250 ng/mL	100 µL	EDTA	-20°C	Active
d-Methylphenidate / l-Methylphenidate	Cardiovascular	Nucleoside Transport Inhibitor And A Pde3 Inhibitor Medication That Inhibits Blood Clot Formation	Human	Plasma	0.250-50.0 ng/mL	250 µL	EDTA	-20°C, -70°C	Active
Doxorubicin / Doxorubicinol	Oncology	Used To Treat Cancer. This Includes Breast Cancer, Bladder Cancer, Kaposi'S Sarcoma, Lymphoma, And Acute Lymphocytic Leukemia. Often Used In Combinatino With Other Chemotherapy Agents	Human	Plasma	5.00-1,000 ng/mL / 2.00-400 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Doxorubicin / Doxorubicinol	Oncology	Used To Treat Cancer. This Includes Breast Cancer, Bladder Cancer, Kaposi'S Sarcoma, Lymphoma, And Acute Lymphocytic Leukemia. Often Used In Combinatino With Other Chemotherapy Agents	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Emtricitabine / Tenofovir	Anti-infective	HIV - Nucleoside Reverse-Transcriptase Inhibitor (NRTI) for the Prevention and Treatment of HIV Infection in Adults/ Children	Human	Plasma	5.00-3,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Enzalutamide / N-desmethyl-Enzalutamide	Oncology	Nonsteroidal Antiandrogen (NSAA) Medication Used in the Treatment of Prostate Cancer	Human	Plasma	0.500-50.0 µg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Ethinyl Estradiol / Levonorgestrel	Oncology	Hormone Replacement Therapy, Prostate Cancer (Gynaecological Disorders)	Human	Plasma	7.50-500 pg/mL / 150-10,000 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Ethinyl Estradiol / Norelgestromin	Oncology	Hormone Replacement Therapy, Prostate Cancer (Gynaecological Disorders)	Human	Plasma	10.0-500 pg/mL / 50.0-25,000 pg/mL	250 µL	EDTA, Sodium Fluoride/ Potassium Oxalate	-20°C, -70°C	Active
Ethinyl Estradiol / Norethindrone	Oncology	Hormone Replacement Therapy, Prostate Cancer (Gynaecological Disorders)	Human	Plasma	2.50-500 pg/mL / 50.0-25,000 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Fexofenadine / Azacyclonol	Pulmonary	Seasonal Allergic Rhinitis, Chronic Urticaria (H1 Antagonist)	Human	Plasma	Fexofenadine: 0.250 to 250 ng/mL Azacyclonol: 0.100 to 100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Fluticasone propionate / Salmeterol	Pulmonary	Asthma, Chronic Obstructive Pulmonary Disease, Allergic Rhinitis, Nasal Polyps, Mouth Ulcers (Steroid)	Human	Plasma	1.00-200 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Free / Total NNAL	Pulmonary	Corticosteroid Therapy (Long-Acting B Adrenoceptor Agonists (Laba))	Human	Urine	5.00-1,000 pg/mL	500 µL	NA	-20°C, -70°C	Active

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Gemcitabine / 2-Deoxy-2-fluoro-2,3-dihydro-2H-pyrimidin-4(1H)-one (dFdU)	Oncology	Breast Cancer, Ovarian Cancer, Non-Small Cell Lung Cancer, Pancreatic Cancer, And Bladder Cancer (Pyrimidine Nucleoside Prodrug)	Human	Plasma	50.0-50,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Gemcitabine / dFdU	Oncology	Breast Cancer, Ovarian Cancer, Non-Small Cell Lung Cancer, Pancreatic Cancer, And Bladder Cancer (Pyrimidine Nucleoside Prodrug)	Human	Plasma	50.0-50,000 ng/mL / 500-50,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Glargine / Glargine M1 / Glargine M2	Metabolic	Inhibition of Lipolysis, Decrease Subsequent Hepatic Fatty Acid Uptake, Inhibit Hepatic Secretion of VLDL	Human	Plasma	0.200-5.00 ng/mL	300 µL	EDTA	-20°C, -70°C	Active
IFN-γ / IL-6 / IL-8 / MCP-1	Metabolic	Osteoporosis, Hypercalcemia (Bisphosphonate)	Monkey	Serum	4.88-2,500 pg/mL (each analyte)	25.0 µL	NA		Active (Shanghai Only)
Irinotecan / SN-38	Oncology	Colon Cancer, Small Cell Lung Cancer (Chemotherapy)	Human	Plasma	5.00-2,500 ng/mL / 1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Itraconazole / Hydroxy Itraconazole	Anti-infective	Aspergillosis, Blastomycosis, Coccidioidomycosis, Histoplasmosis, And Paracoccidioidomycosis (Antifungal)	Human	Plasma	2.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Lamivudine / Abacavir	Anti-infective	HIV (Antiretroviral Protease Inhibitor)	Human	Plasma	2.50-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Methadone (R-) / Methadone (S-)	CNS	Opioid Dependence And For Chronic Pain Management	Human	Plasma	5.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Methotrexate / 7-Hydroxymethotrexate	Oncology	Various Cancers	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Midazolam / 1'-Hydroxymidazolam / 4-Hydroxymidazolam	CNS	Anesthesia, Procedural Sedation, Trouble Sleeping, And Severe Agitation	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Midazolam / 1-Hydroxymidazolam	CNS	Anesthesia, Procedural Sedation, Trouble Sleeping, And Severe Agitation	Human	Plasma	0.200-10.0 ng/mL	100 µL	EDTA	-20°C	Active
Morphine / Morphine-6-β-Glucuronide (M6G) / Morphine-3-β-Glucuronide (M3G)	CNS	Pain Reduction	Human	Plasma	0.500-250 ng/mL / 0.500-250 ng/mL / 2.50-1,250 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Morphine / Morphine-6-?-D-glucuronide	CNS	Pain Reduction	Human	Plasma	0.500-100 ng/mL / 2.50-500 ng/mL	200 µL	EDTA	-20°C	Active
Naltrexone / 6-Beta-naltrexol	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	4.00-2,000 pg/mL	300 µL	EDTA	-20°C, -70°C	Active
Naltrexone / 6-Beta-naltrexol	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	40.0-20,000 pg/mL / 300-150,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
Naltrexone / Naltrexol	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	0.0200-2.00 ng/mL / 0.500-50.0 ng/mL	300 µL	EDTA	-70°C	Active
Nicotine / Cotinine / Trans 3 hydroxycotinine)	Biomarker	Tobacco Use Biomarker	Human	Urine	High range 20.0-10,000 ng/mL	100 µL	NA	-20°C, -80°C	Active
Nicotine N glucuronide / cotinine N glucuronide / trans 3 hydroxycotinine O glucuronide	Biomarker	Tobacco Use Biomarker	Human	Urine	High range 20.0-10,000 ng/mL	100 µL	NA	-20°C, -80°C	Active
Omeprazole / 5-OH Omeprazole	Metabolic	Duodenal Ulcers, Reduces Stomach Acid	Human	Plasma	0.500-1,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active

Multi-analyte methods

Analyte	Therapeutic Area	Disease	Species	Matrix	LLOQ-ULOQ	Aliquot Volume	Anticoagulant	Temp.	Status
Oxycodone / Oxymorphone / Noroxycodone	CNS	Moderate To Severe Pain,	Human	Plasma	0.100-50.0 ng/mL	400 µL	EDTA	-20°C, -70°C	Active
Prednisone / Prednisolone / Methyl-Prednisolone	Immunology	Asthma, Copd, And Rheumatologic Diseases	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Risperidone / 9-Hydroxyrisperidone	CNS	Schizophrenia	Human	Plasma	0.200-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Rosuvastatin / Desmethyl Rosuvastatin / Rosuvastatin Lactone	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0200-20.0 ng/mL / 0.100-10.0 ng/mL / 0.0500-10.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Sacubitril / Valsartan	Cardiovascular	Chronic Heart Failure	Human	Plasma	Sacubitril:5.00 to 5000 ng/mL Valsartan: 10.0 to 10000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Salicylic Acid / Acetylsalicylic Acid	CNS	Pain, Analgesic	Human	Plasma	100 - 50,000 ng/mL / 20 - 10,000 ng/mL	50.0 µL	Sodium Fluoride/ Potassium Oxalate	-70°C	Active
Simvastatin / Simvastatin Acid	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0500-50.0 ng/mL / 0.0500-10.0 ng/mL	190 µL	Heparin	-70°C	Active
Sofosbuvir / GS-331007	Anti-infective	Hcv, Antiviral	Human	Plasma	Sofosbuvir: 5.00 to 5000 ng/mL GS-331007: 10.0 to 10000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active (Shanghai Only)
Sulfasalazine / Sulfapyridine / 5-Aminosalicylic acid	Immunology	Inflammatory Bowel Diseases (Crohn'S Disease) And Rheumatoid Arthritis)	Human	Plasma	0.500-50.0 µg/mL / 0.500-50.0 µg/mL / 0.0250-2.50 µg/mL	25.0 µL	Heparin	-20°C, -70°C	Active
Testosterone / Dihydrotestosterone	Metabolic	Primary Hypogonadism And Hypogonadotropic Hypogonadism	Human	Serum	10.0-2,500 ng/dL / 2.00-500 ng/dL	300 µL	NA	-20°C, -70°C	Active
Ticagrelor / AR-C124910XX	Cardiovascular	Acute Coronary Syndrome	Human	Plasma	1.00-2000 ng/mL / 2.50-1000 ng/mL	100 µL	Heparin	-20°C, -70°C	Active
Tolbutamide / 4-Carboxy Tolbutamide / Hydroxy Tolbutamide	Metabolic	Non-Insulin-Dependent Diabetes Mellitus (Niddm)	Human	Plasma	Analyte1: 0.100 to 100 µg/mL Analyte2: 0.0250 to 5.00 µg/mL Analyte3: 0.0250 to 5.00 µg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Tolbutamide / 4-hydroxytolbutamide	Metabolic	Non-Insulin-Dependent Diabetes Mellitus (Niddm)	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Warfarin (R-) / Warfarin (S-)	Cardiovascular	Anticoagulant	Human	Plasma	10.0-1,000 ng/mL	100 µL	EDTA	-20°C	Active
Warfarin (R-) / Warfarin (S-)	Cardiovascular	Anticoagulant	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active