

Covance Nonproprietary Assays TA Update July 2020

Single-Analyte Methods

Analyte	Therapeutic Area	Disease	Species	Matrix	LLOQ-ULOQ	Aliquot Volume	Anticoagulant	Temp.	Status
1,7-Dimethyluric Acid	Biomarker	Caffeine Metabolite	Human	Urine	500-50,000 ng/mL	50.0 µL	NA	-20°C, -70°C	Active
1'-Hydroxymidazolam	CNS	Major Metabolite Of Midazolam	Human	Plasma	0.100-100 ng/mL	200 µL	EDTA, Heparin	-20°C, -70°C	Active
1-Methyluric Acid	Pulmonary	Metabolite Of Theophylline	Human	Urine	2,000-100,000 ng/mL	50.0 µL	NA	-20°C, -70°C	Inactive
1-Methylxanthine	Biomarker	Caffeine Metabolite	Human	Urine	500-50,000 ng/mL	50.0 µL	NA	-20°C, -70°C	Inactive
2'difluoro-2', 2'-deoxyuridine (dFdU)	Oncology	Gemcitabine Metabolite	Human	Plasma	50.0-50,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
2-Hydroxydesipramine	CNS	Metabolite Of Desimpramine	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
3-OH Desloratadine	Pulmonary	Metabolite Of Desloratadine	Human	Plasma	20.0-10,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
4-beta-hydroxycholesterol	Biomarker	Biomarker Of Cyp450 Drug-Drug Inhibition	Human	Plasma	4.00-100 ng/mL	400 µL	EDTA	-20°C, -70°C	Active
4-beta-hydroxycholesterol	Biomarker	Biomarker Of Cyp450 Drug-Drug Inhibition	Human	Plasma	4.00-400 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
4-Carboxy Tolbutamide	Metabolic	Metabolite Of Tolbutamide	Human	Plasma	0.0250-5.00 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
4-Hydroxydiclofenac	CNS	Metabolite Of Diclofenac	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
4-Hydroxymidazolam	CNS	Metabolite Of Midazolam	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
4-Hydroxytolbutamide	Metabolic	Metabolite Of Tolbutamide	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
5-aminosalicylic acid (Mesalamine)	Immunology	Inflammatory Bowel Disease, Including Ulcerative Colitis And Crohn'S Disease	Human	Plasma	0.0250-2.50 Qg/mL	25.0 µL	Heparin	-20°C, -70°C	Active
5-Fluorouracil	Oncology	Colon Cancer, Esophageal Cancer, Stomach Cancer, Pancreatic Cancer, Breast Cancer, And Cervical Cancer	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
5-Hydroxyindole-3-Acetic Acid (5-HIAA)	Pulmonary	Seasonal Allergic Rhinitis, Chronic Urticaria (H1 Antagonist)	Human	Urine	0.0500-50.0 ng/mL	50.0 µL	NA	-20°C, -70°C	Active
5-Hydroxyindole-3-Acetic Acid (5-HIAA)	Pulmonary	Seasonal Allergic Rhinitis, Chronic Urticaria (H1 Antagonist)	Human	Plasma	1.00-200 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
5-Hydroxyomeprazole	Metabolic	Metabolite Of Omeprazole	Human	Plasma	0.500-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
6-beta-hydroxycortisol	Biomarker	Metabolite Of Cortisol, Measure Of Cyp450 3A4 Drug Drug Interaction	Human	Urine	2.50-1,000 ng/mL	100 µL	NA	-20°C, -70°C	Active
6-beta-naltrexol	CNS	Major Metabolite Of Naltrexone, Has Activity	Human	Plasma	4.00-4,000 pg/mL	300 µL	EDTA	-20°C, -70°C	Active
6-beta-naltrexol	CNS	Major Metabolite Of Naltrexone, Has Activity	Human	Plasma	300-150,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
6-hydroxy Benzbromarone	Metabolic	Metabolite Of Benbromarone, Used For Gout	Human	Plasma	2.50-2,500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)

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7-Hydroxymethotrexate	Oncology	Metabolite Of Methotrexate	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
7-Hydroxymethotrexate	Oncology	Metabolite Of Methotrexate	Human	Urine	50.0-2,500 ng/mL	50.0 µL	NA	-20°C, -70°C	Inactive
7-Hydroxymethotrexate	Oncology	Metabolite Of Risperidone	Human	Plasma	1.00-250 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
9-Hydroxyrisperidone	CNS	Metabolite Of Methotrexate	Human	Plasma	0.200-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Abacavir	Anti-infective	HIV	Human	Plasma	10.0-2,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Abacavir	Anti-infective	HIV	Human	Plasma	2.50-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Acetaminophen	CNS	HBV, Hepatitis B	Human	Plasma	50.0-50,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Acetaminophen	CNS	HIV	Human	Urine	1.00-250 Qg/mL	100 µL	NA	-70°C	Active
Acetaminophen	CNS	HIV	Human	Dried Blood Spot	50.0-30,000 ng/mL	50.0 µL /	Heparin	RT	Active
Acetaminophen	CNS	HIV	Human	Dried Blood Spot	50.0-30,000 ng/mL	5.00-mm disc	Heparin	RT	Active
Acetaminophen	CNS	HIV	Human	Plasma	0.0100-10.0 Qg/mL	100 µL	EDTA	-20°C, -70°C	Active
Acetaminophen glucuronide	CNS	HIV/AIDS	Human	Plasma	0.0250-25.0 Qg/mL	100 µL	EDTA	-20°C, -70°C	Active
Acetylsalicylic Acid	CNS	Pain	Human	Plasma	25.0-25,000 ng/mL	50.0 µL	Sodium Fluoride/ Potassium Oxalate	-70°C	Active
Adefovir	Anti-infective	HBV, Hepatitis B	Human	Plasma	1.00-200 ng/mL	100 µL	EDTA	-70°C	Inactive
Albuterol	Pulmonary	Asthma	Human	Plasma	1.00-1,000 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Albuterol	Pulmonary	Asthma	Human	Plasma	50.0-10,000 pg/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Aldosterone	Metabolic	Endogenous Hormone	Human	Plasma	10.0-5,000 pg/mL	200 µL	EDTA	-20°C, -70°C	Inactive
Aldosterone	Metabolic	Endogenous Hormone	Human	Urine	0.200-200 ng/mL	200 µL	NA	-20°C, -70°C	Inactive
Alendronate	Metabolic	Osteoporosis, Hypercalcemia (Bisphosphonate)	Human	Urine	1.00-1,000 ng/mL	100 µL	NA	-20°C	Inactive
Aliskiren	Cardiovascular	Hypertension	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C	Inactive
Alprazolam	CNS	Anxiety Disorders	Human	Plasma	0.100-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Ambrisentan	Cardiovascular	Hypertension	Human	Plasma	5.00-5,000 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Amlodipine	Cardiovascular	Hypertension and Coronary Artery Disease	Human	Plasma	0.0500-25.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)

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Amlodipine	Cardiovascular	Hypertension and Coronary Artery Disease	Human	Plasma	0.0500-25.0 ng/mL	200 µL	EDTA	-20°C, -70°C	Active
Amoxicillin	Anti-infective	Bacterial Infections, Antibiotic	Human	Plasma	15.0-15,000 ng/mL	50.0 µL	EDTA	-70°C	Active (Shanghai Only)
Amphetamine	CNS	Attention Deficit Hyperactivity Disorder, Narcolepsy, And Obesity	Human	Plasma	0.500-20.0 ng/mL	250 µL	Heparin	-20°C	Inactive
Amprenavir	Anti-infective	HIV	Human	Plasma	10.0-10,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Amprenavir	Anti-infective	HIV	Human	Plasma	10.0-10,000 ng/mL	100 µL	Heparin	-20°C	Inactive
Anastrozole	Oncology	Breast Cancer	Human	Plasma	0.500-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Anastrozole	Oncology	Breast Cancer	Human	Plasma	0.500-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Anti-EPO Antibody	Immunogenicity	Anti-Drug Antibody To Epo	Monkey	Serum	NA	100 µL	NA		Active (Shanghai Only)
Anti-EPO-018B Antibody	Immunogenicity	Anti-Drug Antibody To Epo	Human	Serum	NA	100 µL	NA		Active (Shanghai Only)
Anti-Insulin Antibody	Immunogenicity	Anti-Drug Antibody To Insulin	Human	Serum	NA	100 µL	NA		Active (Shanghai Only)
Aprepitant	CNS	Nausea And Vomiting Caused By Certain Cancer Chemotherapies	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C	Inactive
AR-C124910XX (Ticagrelor)	Cardiovascular	Prevention Of Stroke And Heart Attack In Acute Coronary Syndrome	Human	Plasma	2.50-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Active
Aripiprazole	CNS	Schizophrenia And Bipolar Disorder	Human	Plasma	0.200-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Aripiprazole	CNS	Schizophrenia And Bipolar Disorder	Human	Plasma	0.200-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Atazanavir	Anti-infective	HIV	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Atazanavir	Anti-infective	HIV	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Atorvastatin	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Atorvastatin, ortho-hydroxy	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Atorvastatin, para-hydroxy	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Azacyclonol	CNS	Tranquilizer And Antipsychotic	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Benazepril	Cardiovascular	Hypertension	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)

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Benazeprilat	Cardiovascular	Active Metabolite Of Benazepril	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Bendamustine	Oncology	Chronic Lymphocytic Leukemia, Multiple Myeloma, And Non-Hodgkin'S Lymphoma	Human	Plasma	0.250-250 ng/mL	100 µL	EDTA	-70°C	Active
Bendamustine	Oncology	Chronic Lymphocytic Leukemia, Multiple Myeloma, And Non-Hodgkin'S Lymphoma	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Bendamustine M3 (gamma-Hydroxybendamustine)	Oncology	Metabolite Of Bendamustine	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-70°C	Active
Bendamustine M3 (gamma-Hydroxybendamustine)	Oncology	Metabolite Of Bendamustine	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Benidipine	Cardiovascular	Hypertension	Human	Plasma	5.00-5,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
Benzbromarone	Metabolic	Metabolite Of Benbromarone, Used For Gout	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Bortezomib	Oncology	Multiple Myeloma And Mantle Cell Lymphoma	Human	Plasma	0.500-500 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Budesonide	Pulmonary	Asthma And Chronic Obstructive Pulmonary Disease	Human	Plasma	5.00-3,000 pg/mL	300 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Budesonide	Pulmonary	Asthma And Chronic Obstructive Pulmonary Disease	Human	Plasma	3.00-300 pg/mL	500 µL	EDTA	Pending	Active
Budesonide	Pulmonary	Asthma And Chronic Obstructive Pulmonary Disease	Human	Plasma	10.0-5,000 pg/mL	500 µL	EDTA	-20°C	Inactive
Bupivacaine	CNS	Injected To Block Pain, Acts As Neural Blockade	Human	Plasma	1.00-200 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Bupivacaine	CNS	Injected To Block Pain, Acts As Neural Blockade	Human	Plasma	1.00-2,000 ng/mL	25.0 µL	Heparin	-20°C, -70°C	Active
Buprenorphine	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	0.0500-20.0 ng/mL	500 µL	EDTA	Pending	Active
Buprenorphine	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	25.0-10,000 pg/mL	400 µL	EDTA	-20°C, -70°C	Active
Buprenorphine	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	50.0-2,500 pg/mL	250 µL	EDTA	-20°C, -70°C	Inactive
Buprenorphine	CNS	Opioid Use Disorder, Acute Pain, And Chronic Pain	Human	Plasma	100-25,000 pg/mL	200 µL	EDTA	-70°C	Active
Bupropion	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	CNS	Major Depressive Disorder And To Support Stopping Smoking	Human	Plasma	0.250-250 ng/mL	100 µL	EDTA	-70°C	Active
Caffeine	Biomarker	Biomarker Of Coffee Use	Human	Plasma	25.0-20,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Carbamazepine	CNS	Epilepsy, Neuropathic Pain, Schizophrenia And Bipolar Disorder	Human	Plasma	50.0-30,000 ng/mL	50.0 µL	EDTA	-20°C, -80°C	Inactive
Carboplatin	Oncology	Cancer, Including Ovarian Cancer, Lung Cancer, Head And Neck Cancer, Brain Cancer, And Neuroblastoma.	Human	Plasma	2.00-2,000 ng/mL	50.0 µL	Heparin	-70°C	Active

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Carboplatin	Oncology	Cancer, Including Ovarian Cancer, Lung Cancer, Head And Neck Cancer, Brain Cancer, And Neuroblastoma.	Human	Plasma	0.100-50.0 pg/mL	50.0 µL	EDTA	-70°C	Active
Carboplatin	Oncology	Cancer, Including Ovarian Cancer, Lung Cancer, Head And Neck Cancer, Brain Cancer, And Neuroblastoma.	Human	Plasma Ultrafiltrate	0.100-50.0 pg/mL	20.0 µL	EDTA	-70°C	Inactive
Cefuroxime	Anti-infective	Bacterial Infections, Including Pneumonia, Meningitis, Otitis Media, Sepsis, Urinary Tract Infections, And Lyme Disease	Human	Plasma	20.0-10,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Celecoxib	CNS	Pain And Inflammation In Osteoarthritis, Acute Pain In Adults, Rheumatoid Arthritis, Ankylosing Spondylitis, Painful Menstruation, And Juvenile Rheumatoid Arthritis. It May Be Used To Decrease The Risk Of Colorectal Adenomas In People With Familial Adenomatous Polyposis.	Human	Plasma	5.00-2,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Cephalexin	Anti-infective	Bacterial Infections	Human	Plasma	0.100-30.0 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Chlorthalidone	Cardiovascular	Hypertension, Swelling Including That Due To Heart Failure, Liver Failure, And Nephrotic Syndrome, Diabetes Insipidus, And Renal Tubular Acidosis	Human	Plasma	2.00-1,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Cholesterol, total	Biomarker	Biomarker	Human	Plasma	500-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Chromogranin A	Biomarker	Biomarker	Human	Serum	20.71-645.06 ng/mL	200 µL	NA		Active (Shanghai Only)
Cinacalcet	Metabolic	Secondary Hyperparathyroidism, Parathyroid Carcinoma, And Primary Hyperparathyroidism	Human	Plasma	0.100-50.0 ng/mL	200 µL	EDTA	-20°C	Inactive
Ciprofloxacin	Anti-infective	Bacterial Infections. Including Bone And Joint Infections, Intra Abdominal Infections, Certain Type Of Infectious Diarrhea, Respiratory Tract Infections, Skin Infections, Typhoid Fever, And Urinary Tract Infections, Among Others.	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Citalopram	CNS	Major Depressive Disorder, Obsessive Compulsive Disorder, Panic Disorder, And Social Phobia	Human	Plasma	0.500-200 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Clavulanic acid	Anti-infective	Not Effective By Itself As An Antibiotic But When Combined With Penicillin-Group Antibiotics, It Can Overcome Antibiotic Resistance In Bacteria That Secrete B-Lactamase, Which Otherwise Inactivates Most Penicillins	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-70°C	Active (Shanghai Only)
Clonidine	CNS	Hypertention, Attention Deficit Hyperactivity Disorder, Drug Withdrawal (Alcohol, Opioids, Or Smoking), Menopausal Flushing, Diarrhea, And Certain Pain Conditions	Human	Plasma	10.0-2,000 pg/mL	500 µL	Heparin	-20°C, -70°C	Active

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Clopidogrel	Cardiovascular	Reduce The Risk Of Heart Disease And Stroke In Those At High Risk. It Is Also Used Together With Aspirin In Heart Attacks And Following The Placement Of A Coronary Artery Stent (Dual Antiplatelet Therapy)	Human	Plasma	1.00-1,000 pg/mL	150 µL	Heparin	-20°C, -70°C	Active (Shanghai Only)
Clopidogrel	Cardiovascular	Reduce The Risk Of Heart Disease And Stroke In Those At High Risk. It Is Also Used Together With Aspirin In Heart Attacks And Following The Placement Of A Coronary Artery Stent (Dual Antiplatelet Therapy)	Human	Plasma	5.00-5,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Clopidogrel	Cardiovascular	Reduce The Risk Of Heart Disease And Stroke In Those At High Risk. It Is Also Used Together With Aspirin In Heart Attacks And Following The Placement Of A Coronary Artery Stent (Dual Antiplatelet Therapy)	Human	Plasma	0.00505-5.05 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Clopidogrel Carboxylic Acid	Cardiovascular	Metabolite Of Clopidogrel	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Cortisol	Biomarker	Biomarker	Human	Urine	1.00-400 ng/mL	100 µL	NA	-20°C, -70°C	Active
Cortisol	Biomarker	Biomarker	Human	Plasma	0.500-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Cotinine	Biomarker	Metabolite Of Nicotine	Human	Urine	20.0-10,000 ng/mL	200 µL	NA	-20°C, -70°C	Active
Cotinine N glucuronide	Biomarker	Metabolite Of Nicotine	Human	Urine	20.0-10,000 ng/mL	200 µL	NA	-20°C, -70°C	Active
C-peptide	Biomarker	Biomarker	Human	Serum	93.8-6,000 pmol/L	25.0 µL	NA		Active (Shanghai Only)
Cyclobenzaprine	CNS	Treats Muscle Spasms In Cerebral Palsy	Human	Plasma	0.100-50.0 ng/mL	200 µL	EDTA	-20°C	Inactive
Cyclophosphamide	Oncology	Lymphoma, Multiple Myeloma, Leukemia, Ovarian Cancer, Breast Cancer, Small Cell Lung Cancer, Neuroblastoma, And Sarcoma.[4] As An Immune Suppressor It Is Used In Nephrotic Syndrome, Granulomatosis With Polyangiitis, And Following Organ Transplant, Among Other Conditions	Human	Plasma	20.0-10,000 ng/mL	25.0 µL	EDTA	Pending	Active
Cyclosporin A	Immunology	Rheumatoid Arthritis, Psoriasis, Crohn'S Disease, Nephrotic Syndrome, And In Organ Transplants To Prevent Rejection. It Is Also Used As Eye Drops For Keratoconjunctivitis Sicca (Dry Eyes) (Immunosuppressant)	Human	Whole Blood	5.00-2,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Cytarabine	Oncology	Uacute Myeloid Leukemia (Aml), Acute Lymphocytic Leukemia (All), Chronic Myelogenous Leukemia (Cml), And Non-Hodgkin'S Lymphoma	Human	Plasma	200-50,000 ng/mL	50.0 µL	Sodium Fluoride/Potassium Oxalate	-20°C, -70°C	Inactive
Dabigatran, total	Cardiovascular	Treat And Prevent Blood Clots And To Prevent Stroke In People With Atrial Fibrillation	Human	Plasma	2.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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Dacarbazine	Oncology	Melanoma And Hodgkin'S Lymphoma, Often Used Together With Vinblastine, Bleomycin, And Doxorubicin	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	Sodium Citrate	-20°C, -70°C	Active
Dapoxetine	Cardiovascular	Premature Ejaculation	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Dapsone	Anti-infective	Used In Combination With Rifampicin And Clofazimine For The Treatment Of Leprosy. Second-Line Medication For Pneumocystis Pneumonia And Toxoplasmosis. Additionally, It Has Been Used For Acne, Dermatitis Herpetiformis, And Various Other Skin Conditions.	Human	Plasma	5.00-2,000 ng/mL	100 µL	EDTA	-70°C	Inactive
Darifenacin	CNS	Urinary Incontinence	Human	Plasma	0.0500-10.0 ng/mL	100 µL	EDTA	-20°C	Inactive
Darunavir	anti-infective	HIV/AIDS	Human	Plasma	20.0-4,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Debrisoquine	Cardiovascular	Frequently Used For Phenotyping The Cyp2D6 Enzyme, A Drug-Metabolizing Enzyme	Human	Plasma	5.00-2,000 ng/mL	100 µL	EDTA	-70°C	Inactive
Demeclocycline	Anti-infective	Tetracycline Antibiotic Used For Bacterial Infections	Human	Urine	0.200-10.0 ng/mL	100 µL	NA	-70°C	Inactive
Desacetyl Rifampin	Anti-infective	Metabolite Of Rifampin (Antibiotic)	Human	Plasma	50.0-35,000 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Desipramine	CNS	Tricyclic Antidepressant (Tca) Used In The Treatment Of Depression	Human	Plasma	0.250-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Desloratadine	Pulmonary	Allergies 9Tricyclic H1 Antagonist). It Is An Active Metabolite Of Loratadine	Human	Plasma	20.0-10,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Desmethyl Rosuvastatin	Cardiovascular	Metabolite Of Rosuvastatin - Cardiovascular Disease Drug	Human	Plasma	0.100-10.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Desmethyl Sertraline	CNS	Metabolite Of Sertraline, An Antidepressant	Human	Plasma	0.500-100 ng/mL	100 µL	Heparin	-20°C	Active
Desmethyl Sildenafil	Cardiovascular	Metabolite Of Sildenafil, A Drug To Treat Erectile Dysfunction And Pulmonary Arterial Hypertension	Human	Plasma	1.00-500 ng/mL	25.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Desmethyl Sildenafil	Cardiovascular	Metabolite Of Sildenafil, A Drug To Treat Erectile Dysfunction And Pulmonary Arterial Hypertension	Human	Ultrafiltrate	0.200-100 ng/mL	100 µL	Heparin	-70°C	Inactive
Desmethyl Venlafaxine	CNS	Metabolite Of Venlafaxine	Human	Plasma	1.00-500 ng/mL	50.0 µL	Heparin	-70°C	Inactive
Desmethylselegiline	CNS	Metabolite Of Selegiline	Human	Plasma	0.100-20.0 ng/mL	250 µL	Heparin	-20°C	Inactive
Dexamethasone	Pulmonary	Rheumatic Problems, Skin Diseases, Severe Allergies, Asthma, Chronic Obstructive Lung Disease, Croup, Brain Swelling, Eye Pain Following Eye Surgery, And Along With Antibiotics In Tuberculosis	Human	Plasma	0.250-250 ng/mL	75.0 µL	EDTA	-20°C, -70°C	Active
Dexlansoprazole	Metabolic	Used To Treat Gastroesophageal Reflux Disease, Similar To Other Proton Pump Inhibitors	Human	Plasma	2.00-2,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Dextromethorphan	Pulmonary	Cough	Human	Plasma	0.500-250 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Dextromethorphan	Pulmonary	Cough	Human	Urine	1.00-500 ng/mL	100 µL	NA	-20°C	Active

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Dextromethorphan	Pulmonary	Cough	Human	Plasma	0.0100-10.0 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Dextrorphan	Pulmonary	Antitussive Or Cough Suppressant And Dissociative Hallucinogen	Human	Plasma	0.300-300 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Dextrorphan	Pulmonary	Antitussive Or Cough Suppressant And Dissociative Hallucinogen	Human	Plasma	0.500-250 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Dextrorphan	Pulmonary	Antitussive Or Cough Suppressant And Dissociative Hallucinogen	Human	Urine	50.0-25,000 ng/mL	100 µL	NA	-20°C	Active
Diclofenac	CNS	Treat Pain And Inflammatory Diseases Such As Gout	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA	-70°C	Inactive
Diclofenac	CNS	Treat Pain And Inflammatory Diseases Such As Gout	Human	Plasma	0.100-100 ng/mL	500 µL	Heparin	-20°C	Active
Digoxin	Cardiovascular	Atrial Fibrillation, Atrial Flutter, And Heart Failure.	Human	Urine	0.500-100 ng/mL	100 µL	NA	-20°C, -70°C	Active
Digoxin	Cardiovascular	Atrial Fibrillation, Atrial Flutter, And Heart Failure.	Human	Plasma	0.0500-10.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Dihydrotestosterone	Metabolic	Endogenous Androgen Sex Steroid And Hormone	Human	Serum	2.00-500 ng/dL	300 µL	NA	-20°C, -70°C	Active
Diltiazem	Cardiovascular	High Blood Pressure, Angina, Heart Arrhythmias	Human	Plasma	1.00-500 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Inactive
Diphenhydramine	Pulmonary	Antihistamine Mainly Used To Treat Allergies. It Can Also Be Used For Insomnia, Symptoms Of The Common Cold, Tremor In Parkinsonism, And Nausea	Human	Plasma	0.500-200 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Dipyridamole	Cardiovascular	Nucleoside Transport Inhibitor And A Pde3 Inhibitor Medication That Inhibits Blood Clot Formation	Human	Plasma	5.00-3,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Docetaxel	Oncology	Breast Cancer, Head And Neck Cancer, Stomach Cancer, Prostate Cancer And Non-Small-Cell Lung Cancer	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Docetaxel	Oncology	Breast Cancer, Head And Neck Cancer, Stomach Cancer, Prostate Cancer And Non-Small-Cell Lung Cancer	Human	Plasma	5.00-2,000 ng/mL	250 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Donepezil	CNS	Alzheimer'S Disease	Human	Plasma	0.500-250 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Donepezil	CNS	Alzheimer'S Disease	Human	Plasma	1.00-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Active
Doxazosin	CNS	Alzheimer'S Disease	Human	Plasma	0.0500-50.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Doxorubicin	Oncology	Breast Cancer, Bladder Cancer, Kaposi'S Sarcoma, Lymphoma, And Acute Lymphocytic Leukemia. Often Used In Combinatino With Other Chemotherapy Agents	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	Sodium Citrate	-20°C, -70°C	Active
Doxorubicin	Oncology	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
Doxorubicinol	Oncology	Metabolite Of Doxorubicin	Human	Plasma	2.00-400 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active

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Doxorubicinol	Oncology	Metabolite Of Doxorubicin	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Doxycycline	Anti-infective	Used In The Treatment Of Infections Caused By Bacteria, Including Bacterial Pneumonia, Acne, Chlamydia Infections, Early Lyme Disease, Cholera, Typhus, And Syphilis. Also Used To Prevent And Treat Malaria (In Combination With Quinine)	Human	Plasma	100-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C, -80°C	Inactive
Doxycycline	Anti-infective	Used In The Treatment Of Infections Caused By Bacteria, Including Bacterial Pneumonia, Acne, Chlamydia Infections, Early Lyme Disease, Cholera, Typhus, And Syphilis. Also Used To Prevent And Treat Malaria (In Combination With Quinine)	Human	Urine	0.200-10.0 ng/mL	100 µL	NA	-70°C	Inactive
Duloxetine	CNS	Used To Treat Major Depressive Disorder, Generalized Anxiety Disorder, Fibromyalgia, And Neuropathic Pain	Human	Plasma	0.100-100 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Duloxetine	CNS	Used To Treat Major Depressive Disorder, Generalized Anxiety Disorder, Fibromyalgia, And Neuropathic Pain	Human	Plasma	0.200-100 ng/mL	200 µL	EDTA	-20°C	Active
Efavirenz	Anti-infective	HIV - Antiretroviral Medication Used To Treat And Prevent Hiv/Aids	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Efavirenz	Anti-infective	HIV - Antiretroviral Medication Used To Treat And Prevent Hiv/Aids	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Emtricitabine	Anti-infective	HIV - Nucleoside Reverse - Transcriptase Inhibitor (NRTI)	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Emtricitabine	Anti-infective	HIV - Nucleoside Reverse - Transcriptase Inhibitor (NRTI)	Human	Plasma	5.00-3,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Emtricitabine	Anti-infective	HIV - Nucleoside Reverse - Transcriptase Inhibitor (NRTI)	Human	Plasma	10.0-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Entecavir	Anti-infective	HBV Antiviral Medication - Hepatitis B virus (HBV) Infection	Human	Plasma	0.0400-16.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Enzalutamide	Oncology	Nonsteroidal Antiandrogen (NsaA) Medication Used In The Treatment Of Prostate Cancer	Human	Plasma	0.500-50.0 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
EPO	Metabolic	Erythropoiesis-Stimulating Agents (Esa), Used In The Treatment Of Anemia In Chronic Kidney Disease, Myelodysplasia, And From Cancer Chemotherapy	Monkey	Serum	100-2,500 mIU/mL	100 µL	NA		Active (Shanghai Only)
EPO	Metabolic	Erythropoiesis-Stimulating Agents (Esa), Used In The Treatment Of Anemia In Chronic Kidney Disease, Myelodysplasia, And From Cancer Chemotherapy	Human	Plasma	4.00-160 mIU/mL	100 µL	Heparin		Active (Shanghai Only)
EPO-018B	Metabolic	Erythropoiesis-Stimulating Agents (Esa), Used In The Treatment Of Anemia In Chronic Kidney Disease, Myelodysplasia, And From Cancer Chemotherapy	Human	Plasma	15.6-1,000 ng/mL	50.0 µL	Heparin		Active (Shanghai Only)
Erlotinib	Oncology	Non-Small Cell Lung Cancer (NsclC) And Pancreatic Cancer	Human	Plasma	2.00-2,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Erythrohydrobupropion	CNS	Bupropion Metabolite (Antidepressant)	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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Eszopiclone	CNS	Insomnia (Allosteric Modulators)	Human	Plasma	1.00-100 ng/mL	50.0 µL	EDTA	-20°C	Inactive
Ethambutol	Anti-infective	Tuberculosis (Bacteriostatic Agent)	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Ethinyl Estradiol	Oncology	Hormone Replacement Therapy, Prostate Cancer (Gynaecological Disorders)	Human	Plasma	10.0-500 pg/mL	250 µL	EDTA, Sodium Fluoride/ Potassium Oxalate	-20°C, -70°C	Active
Ethinyl Estradiol	Oncology	Hormone Replacement Therapy, Prostate Cancer (Gynaecological Disorders)	Human	Plasma	2.50-500 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Etoposide	Oncology	Testicular Cancer, Lung Cancer, Lymphoma, Leukemia, Neuroblastoma, And Ovarian Cancer; Additionally, Haemophagocytic Lymphohistiocytosis. (Chemotherapeutic Agents)	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Etravirine	Anti-infective	Hiv (Non-Nucleoside Reverse Transcriptase Inhibitor)	Human	Plasma	2.00-400 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Exemestane	Oncology	Premenopausal Breast Cancer (Aromatase Inhibitor)	Human	Plasma	0.200-100 ng/mL	150 µL	EDTA	-20°C, -70°C	Active
Famotidine	Metabolic	Peptic Ulcer Disease, Gastroesophageal Reflux Disease, And Zollinger-Ellison Syndrome (H2 Antagonist)	Human	Plasma	1.00-500 ng/mL	200 µL	EDTA	-20°C, -70°C	Inactive
Fenofibric	Metabolic	Lipidosis	Human	Plasma	50.0-25,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Fexofenadine	Pulmonary	Seasonal Allergic Rhinitis, Chronic Urticaria (H1 Antagonist)	Human	Plasma	5.00-1,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Fexofenadine	Pulmonary	Seasonal Allergic Rhinitis, Chronic Urticaria (H1 Antagonist)	Human	Plasma	0.250-250 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Finasteride	Oncology	Benign Prostatic Hyperplasia, Male Pattern Hair Loss (5A-Reductase Inhibitors, Antiandrogen)	Human	Plasma	50.0-25,000 pg/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Fluconazole	Anti-infective	Candidiasis, Blastomycosis, Coccidioidomycosis, Cryptococcosis, Histoplasmosis, Dermatophytosis, And Pityriasis Versicolor. (Antimycotic)	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Fluorocytidine	Oncology	Chemotherapy (5'-O-Glucuronide Of Anticancer Nucleoside)	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C	Inactive
Fluoxetine	CNS	Major Depressive Disorder, Obsessive-Compulsive Disorder (Ocd), Bulimia Nervosa, Panic Disorder, And Premenstrual Dysphoric Disorder. (Selective Serotonin Reuptake Inhibitors)	Human	Plasma	0.500-250 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Flurbiprofen	CNS	Anti-Miotic As Well As Orally For Arthritis Or Dental Pain (Nonsteroidal Anti-Inflammatory Drugs (Nsaid))	Human	Plasma	50.0-50,000 ng/mL	25.0 µL	EDTA	-80°C	Active
Fluticasone Propionate	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
Formoterol	Pulmonary	Corticosteroid Therapy (Long-Acting B Adrenoceptor Agonists (Laba))	Human	Plasma	1.00-100 pg/mL	500 µL	EDTA	Pend- ing	Active

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Fudosteine	Pulmonary	Chronic Respiratory Diseases (Bronchial Asthma, Chronic Bronchitis, Bronchiectasis) (Novel Mu Coactive Agent And A Muc5Ac Mucin Hypersecretion Inhibitor)	Human	Plasma	50.0-15,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Furosemide	Cardiovascular	Heart Failure, Liver Scarring, Or Kidney Disease (Oedema)	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA	-20°C	Inactive
Gefitinib	Oncology	Breast, Lung Cancer (Epidermal Growth Factor Receptor (Egfr; Erbb-1; Her1) Inhibitor)	Human	Plasma	0.500-100 ng/mL	100 µL	Heparin	-20°C	Active
Gefitinib	Oncology	Breast, Lung Cancer (Epidermal Growth Factor Receptor (Egfr; Erbb-1; Her1) Inhibitor)	Human	Plasma	5.00-3,000 ng/mL	50.0 µL	Heparin	-20°C	Active
Gemcitabine	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
Gemfibrozil	Metabolic	Inhibition Of Lipolysis And Decrease Subsequent Hepatic Fatty Acid Uptake As Well As Inhibit Hepatic Secretion Of Vldl	Human	Plasma	50.0-25,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Glimepiride	Metabolic	Management Of Dyslipidemia (Abnormally High Lipid Level) (Activatinon Of Peroxisome Proliferator-Activated Receptor Alpha (Ppara) 'Transcription Factor Ligand',)	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
GS-331007	Anti-infective	Hepatitis C (Inhibitor Of Hcv Ns5B Polymerase)	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active (Shanghai Only)
H2G [(r)-9-[4-hydroxy-2-(hydroxymethyl)butyl] guanine]	Anti-infective	Herpes Simplex Virus Type 1 (Hsv-1)	Human	Plasma	5.00-1000 ng/mL	100 µL	Heparin	-20°C	Inactive
Hemoglobin	Biomarker	Oxygen Transport	Human	Whole Blood	0.140-2.10 g	N	NA		Active (Shanghai Only)
HPMA (S-(3-hydroxypropyl) mercapturic acid)	Other	Causative Factor For Mutations Seen In The P53 Tumor Suppressor Gene In Lung Cancer (Metabolite Of Acrolein)	Human	Urine	50.0-5,000 ng/mL	200 µL	NA	-20°C, -80°C	Active
Hydrochlorothiazide	Cardiovascular	Antihypertension (Hypertension)	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Hydrocodone	CNS	Severe Pain, Prolonged Coughing (Analgesia, Antitussive)	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Hydromorphone	CNS	Severe Pain In Cancer (Analgesia)	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Hydroxy Itraconazole	Anti-infective	Metabolite Of Itraconazole (Antifungal)	Human	Plasma	5.00-2,500 ng/mL	150 µL	EDTA	-20°C, -70°C	Active
Hydroxy Itraconazole	Anti-infective	Metabolite Of Itraconazole (Antifungal)	Human	Plasma	2.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Hydroxy Metronidazole	Anti-infective	Metabolite Of Metronidazole (Antifungal)	Human	Plasma	50.0-25,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Hydroxy Tolbutamide	Cardiovascular	Hydroxytolbutamide; A Cytochrome P450 2C8 (Cyp2C8) And Cyp2C9 Metabolite Of Tolbutamide, A First-Generation Potassium Channel Blocker (Epilepsy)	Human	Plasma	0.0250-5.00 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Hydroxybupropion	CNS	Active Metabolite Of The Antidepressant And Smoking Cessation Drug, Bupropion (Smoking Cessation')	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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Hydroxyl Pioglitazone (M-IV)	Metabolic	Type 2 Diabetes (Type 2 Diabetes)	Human	Plasma	2.50-2,500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Hydroxyproline	Biomarker	Component Of Collagen, Monitors Degradation Of Connective Tissue ()	Human	Urine	1.00-1,000 Qg/mL	500 µL	NA	-20°C	Inactive
Ibandronate	Metabolic	Osteoporosis, Hypercalcemia (Bisphosphonate)	Human	Plasma	0.200-200 ng/mL	200 µL	EDTA	-20°C	Inactive
IFN-γ	Biomarker	Cytokine	Monkey	Serum	4.88-2,500 pg/mL	25.0 µL	NA		Active (Shanghai Only)
IL-6	Biomarker	Cytokine, Myokine	Monkey	Serum	4.88-2,500 pg/mL	25.0 µL	NA		Active (Shanghai Only)
IL-8	Biomarker	Chemokine	Monkey	Serum	4.88-2,500 pg/mL	25.0 µL	NA		Active (Shanghai Only)
Imatinib	Oncology	Chronic Myelogenous Leukemia (Cml), Acute Lymphocytic Leukemia, Gastrointestinal Stromal Tumors (Gist), Hypereosinophilic Syndrome (Hes), Chronic Eosinophilic Leukemia (Cel), Systemic Mastocytosis, And Myelodysplastic Syndrome (Chemotherapy)	Human	Plasma	4.00-4,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Insulin	Metabolic	Diabetes	Human	Serum	15.6-2,000 pmol/L	25.0 µL	NA		Active (Shanghai Only)
Insulin Glargine	Metabolic	Type 1 And 2 Diabetes (Insulin)	Human	Plasma	0.200-5.00 ng/mL	300 µL	EDTA	-20°C, -80°C	Active
Insulin Glargine M1	Metabolic	Type 1 And 2 Diabetes (Insulin)	Human	Plasma	0.200-5.00 ng/mL	300 µL	EDTA	-20°C, -80°C	Active
Insulin Glargine M2	Metabolic	Type 1 And 2 Diabetes (Insulin)	Human	Plasma	0.200-5.00 ng/mL	300 µL	EDTA	-20°C, -80°C	Active
Iohexol	Medical Imaging Agent	Visualisation Of Arteries, Veins, Ventricles, Urinary System And Joints (X-Ray Contrast Agent (Computer Tomography)), Also Used To Determin Vascular Colume Of Water And Kidney Clearance Ability	Human	Plasma	1.00-500 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Iohexol	Medical Imaging Agent	Visualisation Of Arteries, Veins, Ventricles, Urinary System And Joints (X-Ray Contrast Agent (Computer Tomography))	Human	Serum	100-10,000 Qg/mL	25.0 µL	NA	-20°C, -70°C	Inactive
Iohexol	Medical Imaging Agent	Visualisation Of Arteries, Veins, Ventricles, Urinary System And Joints (X-Ray Contrast Agent (Computer Tomography))	Human	Urine	2.00-1,000 Qg/mL	50.0 µL	NA	-20°C, -70°C	Active
Irinotecan	Oncology	Colon Cancer, Small Cell Lung Cancer (Chemotherapy)	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Isoniazid	Anti-infective	Tuberculosis (Antibiotic)	Human	Plasma	0.0500-15.0 Qg/mL	50.0 µL	EDTA	-70°C	Active
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
Itraconazole	Anti-infective	Aspergillosis, Blastomycosis, Coccidioidomycosis, Histoplasmosis, And Paracoccidioidomycosis (Antifungal)	Human	Plasma	5.00-2,500 ng/mL	150µL	EDTA	-20°C, -70°C	Active
Ketamine	CNS	Anaesthesia	Human	Plasma	0.500-500 ng/mL	200 µL	EDTA	-20°C, -70°C	Inactive

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Keto itraconazole	Anti-infective	Aspergillosis, Blastomycosis, Coccidioidomycosis, Histoplasmosis, And Paracoccidioidomycosis (Antifungal)	Human	Plasma	0.200-100 ng/mL	150µL	EDTA	-20°C, -70°C	Active
Ketoconazole	Anti-infective	Tinea, Cutaneous Candidiasis, Pityriasis Versicolor, Dandruff, And Seborrheic Dermatitis (Antifungal)	Human	Plasma	5.00-1,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Ketoconazole	Anti-infective	Tinea, Cutaneous Candidiasis, Pityriasis Versicolor, Dandruff, And Seborrheic Dermatitis (Antifungal)	Human	Plasma	50.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Ketoprofen (R-)	CNS	Analgesia, Antipyretic, Antiinflammatory (Nsaid)	Human	Plasma	0.500-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Ketoprofen (S-)	CNS	Analgesia, Antipyretic, Antiinflammatory (Nsaid)	Human	Plasma	0.500-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Lamivudine	Anti-infective	HIV (Antiretroviral Protease Inhibitor)	Human	Plasma	2.50-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Lamotrigine	CNS	Epilepsy, Bipolar Disease, Lennox Gastaut Syndrome (Anticonvulsant)	Human	Plasma	25.0-12,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Lansoprazole	Metabolic	Peptic Ulcers, Reflux Disease, Zollinger Ellison Syndrome (Proton Pump Inhibitor)	Human	Plasma	2.00-2,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Lenalidomide	Oncology	Myelodysplastic Syndrome (Mds), Multiple Myeloma, And Mantle Cell Lymphoma (Mcl) (Tumour Cell Apoptosis)	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Letrozole	Oncology	Post-Menopausal Breast Cancer (Non-Steroidal Aromatase Inhibitor)	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Levetiracetam	CNS	Epilepsy (Anticonvulsant)	Human	Plasma	75.0-75,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Levocetirizine	Pulmonary	Allergic Rhinitis (Histamine H1 Antagonist)	Human	Plasma	3.00-3000 ng/mL	30.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Levonorgestrel	Metabolic	Contraception (Hormone Therapy)	Human	Plasma	150-10,000 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Lopinavir	Anti-infective	HIV (Antiretroviral Protease Inhibitor)	Human	Plasma	20.0-20,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Lopinavir	Anti-infective	HIV (Antiretroviral Protease Inhibitor)	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Losartan	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Plasma	1.00-1,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Losartan	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Plasma	2.00-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Losartan	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Urine	2.00-500 ng/mL	100 µL	NA	-20°C, -70°C	Active
Losartan Carboxylic Acid	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Plasma	1.00-1,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Losartan Carboxylic Acid	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Plasma	2.00-1,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Losartan Carboxylic Acid	Cardiovascular	Hypertension (Angiotensin Ii Receptor Blocker)	Human	Urine	2.00-500 ng/mL	100 µL	NA	-20°C, -70°C	Active
Maraviroc	Anti-infective	HIV (CCR5 Receptor Antagonist)	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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MCP-1	Biomarker	Atherosclerosis (Chemokines That Regulates Migration And Infiltration Of Monocytes/ Macrophages)	Human	Serum	15.6-1,000 pg/mL	50.0 µL	NA		Active (Shanghai Only)
MCP-1	Biomarker	Atherosclerosis (Chemokines That Regulates Migration And Infiltration Of Monocytes/ Macrophages)	Monkey	Serum	4.88-2,500 pg/mL	25.0 µL	NA		Active (Shanghai Only)
Mefenamic Acid	CNS	Analgesia, Antipyretic, Antiinflammatory (Nsaid)	Human	Plasma	50.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Memantine	CNS	Moderate-To-Severe Alzheimer'S Disease	Human	Plasma	0.100-100 ng/mL	200 µL	EDTA	-20°C, -70°C	Active
Mephenytoin	CNS	Anticonvulsant	Human	Plasma	5.00-2,000 ng/mL	100 µL	EDTA	-70°C	Inactive
Mesalamine (5-aminosalicylic acid)	Immunology	Inflammatory Bowel Disease, Including Ulcerative Colitis And Crohn'S Disease	Human	Plasma	2.00-1,000 ng/mL	500 µL	EDTA	-20°C, -70°C	Active
Metformin	Metabolic	Diabetes	Human	Plasma	2.00-2,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Metformin	Metabolic	Diabetes	Human	Plasma	2.00-2,000 ng/mL	25.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Methadone (R-)	CNS	Opioid Dependence And For Chronic Pain Management	Human	Plasma	5.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
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
Methamphetamine	CNS	Attention Deficit Hyperactivity Disorder And Obesity	Human	Plasma	0.100-50.0 ng/mL	250 µL	Heparin	-70°C	Inactive
Methotrexate	Oncology	Various Cancers	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Methotrexate	Oncology	Various Cancers	Human	Urine	50.0-2,500 ng/mL	50.0 µL	NA	-20°C, -70°C	Inactive
Methotrexate	Oncology	Various Cancers	Human	Plasma	1.00-250 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Methylphenidate	CNS	Attention Deficit Hyperactivity Disorder And Narcolepsy	Human	Plasma	0.100-50.0 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Methylphenidate (d-threo-)	CNS	R'R' Enantiomer Form Of Methylphenidate	Human	Plasma	0.250-50.0 ng/mL	250 µL	EDTA	-20°C, -70°C	Active
Methylphenidate (l-threo-)	CNS	Enantiomer Form Of Methylphenidate	Human	Plasma	0.250-50.0 ng/mL	250 µL	EDTA	-20°C, -70°C	Active
Methyl-Prednisolone	Immunology	Suppress The Immune System And Decrease Inflammation	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C	Active
Metoprolol	Cardiovascular	Hypertension	Human	Plasma	5.00-2,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Metoprolol	Cardiovascular	Hypertension	Human	Plasma	1.00-125 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Metronidazole	Anti-infective	Antibiotic And Antiprotozoal Medication	Human	Plasma	50.0-25,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Midazolam	CNS	Anesthesia, Procedural Sedation, Trouble Sleeping, And Severe Agitation	Human	Plasma	0.0500-50.0 ng/mL	200 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Midazolam	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
Minoxidil	Metabolic	Hair Loss	Human	Serum	0.250-25.0 ng/mL	100 µL	NA	-20°C, -70°C	Active

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Mirtazapine	CNS	Antidepressant Primarily Used To Treat Depression	Human	Plasma	0.200-200 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Modafinil	CNS	Narcolepsy, Shift Work Sleep Disorder, Or Obstructive Sleep Apnea	Human	Plasma	0.100-50.0 Qg/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Modafinil	CNS	Narcolepsy, Shift Work Sleep Disorder, Or Obstructive Sleep Apnea	Human	Plasma	0.100-50.0 Qg/mL	25.0 µL	EDTA	-20°C, -70°C	Inactive
Modafinil (R-)	CNS	Narcolepsy, Shift Work Sleep Disorder, Or Obstructive Sleep Apnea	Human	Plasma	100-10,000 ng/mL	50.0 µL	EDTA	-20°C	Inactive
Modafinil (R-)	CNS	Narcolepsy, Shift Work Sleep Disorder, Or Obstructive Sleep Apnea	Human	Plasma	0.100-50.0 Qg/mL	25.0 µL	Heparin	-20°C, -70°C	Inactive
Modafinil Acid	CNS	Major Metabolite Of R-Modafinil	Human	Plasma	0.0200-10.0 Qg/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Modafinil Acid (R-)	CNS	Active Metabolite Of Modafinil	Human	Plasma	0.0200-10.0 Qg/mL	25.0 µL	Heparin	-20°C, -70°C	Inactive
Modafinil Sulfone	CNS	Major Metabolite Of Modafinil	Human	Plasma	0.100-50.0 Qg/mL	50.0 µL	Heparin	-20°C, -70°C	Active
Morphine	CNS	Pain Reduction	Human	Plasma	0.500-250 ng/mL	200 µL	EDTA	-20°C, -70°C	Active
Morphine-3-Glucuronide	CNS	Metabolite Of Morphine	Human	Plasma	2.50-1,250 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Morphine-6-Glucuronide	CNS	Metabolite Of Morphine	Human	Plasma	0.500-250 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Moxifloxacin	Anti-infective	Antibiotic	Human	Plasma	25.0-5,000 ng/mL	50.0 µL	EDTA, Heparin, Sodium Fluoride/ Sodium Heparin	-20°C, -70°C	Active
Naloxone	CNS	Blocks Opiate Activity For Overdose Situations	Human	Plasma	5.00-500 pg/mL	250 µL	EDTA	-20°C, -70°C	Inactive
Naloxone	CNS	Blocks Opiate Activity For Overdose Situations	Human	Plasma	20.0-5,000 pg/mL	200 µL	EDTA	-70°C	Active
Naltrexol	CNS	Active Metabolite Of Naltrexone	Human	Plasma	0.500-50.0 ng/mL	300 µL	EDTA	-70°C	Active
Naltrexone	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	0.0200-2.00 ng/mL	300 µL	EDTA	-70°C	Active
Naltrexone	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	4.00-2,000 pg/mL	300 µL	EDTA	-20°C, -70°C	Active
Naltrexone	CNS	Manage Alcohol Or Opioid Dependence	Human	Plasma	40.0-20,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
Naproxen	CNS	Pain, Menstrual Cramps, Inflammatory Diseases Such As Rheumatoid Arthritis, And Fever	Human	Plasma	0.100-100 Qg/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Inactive
N-desmethyl-Enzalutamide	Oncology	Active Metabolite Of Enzalutamide	Human	Plasma	0.500-50.0 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Nelfinavir	Anti-infective	HIV	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C	Inactive
Nevirapine	Anti-infective	HIV	Human	Plasma	20.0-4,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Nicotine	Biomarker	Tobacco Use Biomarker	Human	Urine	20.0-10,000 ng/mL	200 µL	NA	-20°C, -80°C	Active
Nicotine N glucuronide	Biomarker	Tobacco Use Biomarker	Human	Urine	20.0-10,000 ng/mL	200 µL	NA	-20°C, -80°C	Active

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Nifedipine	Cardiovascular	Hypertension	Human	Plasma	1.00-250 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Nilotinib	Oncology	Chronic Myelogenous Leukemia	Human	Plasma	5.00-2,000 ng/mL	50.0 µL	EDTA	-20°C	Inactive
Nisoldipine	Cardiovascular	Angina Pectoris And Hypertension	Human	Plasma	50.0-10,000 pg/mL	200 µL	EDTA	-20°C	Inactive
NNAL, free	Biomarker	Tobacco Use Biomarker	Human	Urine	5.00-1,000 pg/mL	200 µL	NA	-20°C, -80°C	Active
NNAL, total	Biomarker	Tobacco Use Biomarker	Human	Urine	5.00-1,000 pg/mL	200 µL	NA	-20°C, -80°C	Active
Norbuprenorphine	CNS	Major Active Metabolite Of Buprenorphine	Human	Plasma	0.100-40.0 ng/mL	500 µL	EDTA	Pend- ing	Active
Norbuprenorphine	CNS	Major Active Metabolite Of Buprenorphine	Human	Plasma	50.0-20,000 pg/mL	400 µL	EDTA	-20°C, -70°C	Active
Norbuprenorphine	CNS	Major Active Metabolite Of Buprenorphine	Human	Plasma	50.0-2,500 pg/mL	250 µL	EDTA	-20°C, -70°C	Inactive
Norbuprenorphine	CNS	Major Active Metabolite Of Buprenorphine	Human	Plasma	100-25,000 pg/mL	200 µL	EDTA	-70°C	Active
Norelgestromin	Metabolic	Birth Control	Human	Plasma	50.0-25,000 pg/mL	250 µL	EDTA, Sodi- um Fluoride/ Potassium Oxalate	-20°C, -70°C	Active
Norethindrone	Metabolic	Birth Control	Human	Plasma	50.0-25,000 pg/mL	500 µL	EDTA	-20°C, -70°C	Active
Norfluoxetine	CNS	Active Metabolite Of Fluoxetine	Human	Plasma	0.500-250 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Inactive
Norhydrocodone	CNS	Major Metabolite Of The Opioid Analgesic Hydrocodone	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Norketamine	CNS	Major Active Metabolite Of Ketamine	Human	Plasma	0.500-500 ng/mL	200 µL	EDTA	-20°C, -70°C	Inactive
Noroxycodone	CNS	Major Metabolite Of The Opioid Analgesic Oxycodon	Human	Plasma	0.100-50.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Octreotide	Oncology	Treat Symptoms Of Metastatic Carcinoid Tumors	Human	Plasma	0.0500-20.0 ng/mL	300 µL	EDTA	-20°C, -70°C	Inactive
Olanzapine	CNS	Schizophrenia And Bipolar Disorder	Human	Plasma	0.250-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Omeprazole	Metabolic	Duodenal Ulcers, Reduces Stomach Acid	Human	Plasma	0.500-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Omeprazole	Metabolic	Duodenal Ulcers, Reduces Stomach Acid	Human	Plasma	5.00-2,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Ondansetron	CNS	Prevent Nausea And Vomiting Caused By Cancer Chemotherapy, Radiation Therapy, Or Surgery	Human	Plasma	0.100-50.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Oseltamivir	Anti-infective	Antiviral Medication That Blocks The Actions Of Influenza Virus Types A And B	Human	Plasma	0.200-150 ng/mL	100 µL	Heparin	-20°C	Active
Oseltamivir Carboxylate	Anti-infective	Prodrug Of Oseltamivir	Human	Plasma	2.00-1,500 ng/mL	100 µL	Heparin	-20°C	Active
ox-LDL	Biomarker	Oxidized Ldl Involved In Atherosclerosis	Human	Serum	7.81-250 ng/mL	30.0 µL	NA		Active (Shanghai Only)
Oxycodone	CNS	Moderate To Severe Pain,	Human	Plasma	0.100-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)

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Oxycodone	CNS	Moderate To Severe Pain,	Human	Plasma	0.100-50.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Oxymorphone	CNS	Moderate To Severe Pain,	Human	Plasma	0.100-50.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Oxytetracycline	Anti-infective	Antibiotic	Human	Urine	0.200-10.0 ng/mL	100 µL	NA	-70°C	Inactive
Paclitaxel	Oncology	Breast Cancer	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Paclitaxel	Oncology	Breast Cancer	Human	Plasma	25.0-25,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
Paclitaxel (Abraxane dosed)	Oncology	Breast Cancer	Human	Plasma	10.0-10,000 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Paraxanthine	Biomarker	Caffeine Metabolite	Human	Plasma	25.0-20,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Paroxetine	CNS	Major Depressive Disorder, Obsessive-Compulsive Disorder, Panic Disorder, Social Anxiety Disorder, Posttraumatic Stress Disorder, Generalized Anxiety Disorder And Premenstrual Dysphoric Disorder	Human	Plasma	0.0500-50.0 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Phentermine	CNS	Obesity	Human	Plasma	0.500-500 ng/mL	150 µL	EDTA	-20°C, -70°C	Inactive
Pioglitazone	Metabolic	Diabetes	Human	Plasma	2.50-2,500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Potassium Thiocyanate	Other		Human	Plasma	2.00-200 ug/mL	50.0 µL	EDTA	-20°C	Inactive
Pramipexole	CNS	Parkinson'S Disease And Restless Legs Syndrome	Human	Plasma	25.0-5,000 pg/mL	50.0 µL	EDTA	-20°C	Active
Pravastatin	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.100-100 ng/mL	160 µL	EDTA	-20°C, -70°C	Active
Prednisone	Immunology	Asthma, Copd, And Rheumatologic Diseases	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C	Active
Pregabalin	CNS	Epilepsy, Neuropathic Pain, Fibromyalgia, Restless Leg Syndrome, And Generalized Anxiety Disorder	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Prenisolone	Immunology	Allergies, Inflammatory Conditions, Autoimmune Disorders, And Cancers	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C	Active
Pseudoephedrine	Pulmonary	Allergy, Nasal Decongestant	Human	Plasma	5.00-500 ng/mL	100 µL	Heparin	-70°C	Inactive
Pyrazinamide	anti-infective	Tuberculosis	Human	Plasma	50.0-25,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Quetiapine	CNS	Schizophrenia, Major Depression, And Bipolar Disorder	Human	Plasma	0.500-1,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Raltegravir	anti-infective	HIV	Human	Plasma	1.00-1,500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Ranolazine	Cardiovascular	Chronic Angina	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Rapamycin	Immunology	Prophylaxis Of Organ Rejection, Potent Immunosuppressant	Human	Whole Blood	0.250-100 ng/mL	200 µL	EDTA, Heparin	-70°C	Active
Ribavirin	anti-infective	HCV, Antiviral	Human	Plasma	10.0-10,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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Ribavirin	anti-infective	HCV, Antiviral	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Rifampin	anti-infective	Tuberculosis	Human	Plasma	50.0-35,000 ng/mL	25.0 µL	EDTA, Sodium Fluoride/ Potassium Oxalate	-20°C, -70°C	Active
Rifampin	anti-infective	Tuberculosis	Human	Plasma	50.0-35,000 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Rifaximin	anti-infective	Traveller'S Diarrhea	Human	Plasma	0.100-10.0 ng/mL	100 µL	EDTA	-20°C	Inactive
Rilpivirine	anti-infective	HIV	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	Pend- ing	Active
Riluzole	CNS	Amyotrophic Lateral Sclerosis (Als	Human	Plasma	5.00-2,000 ng/mL	50.0 µL	EDTA	-20°C	Active
Riluzole	CNS	Amyotrophic Lateral Sclerosis (Als	Human	Dried Blood Spot	5.00-2,000 ng/mL	25.0 µL	EDTA	RT	Inactive
Risperidone	CNS	Schizophrenia	Human	Plasma	0.200-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Ritonavir	anti-infective	HIV	Human	Plasma	10.0-10,000 ng/mL	100 µL	Heparin	-20°C	Inactive
Ritonavir	anti-infective	HIV	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	Heparin	-20°C	Active
Ritonavir	anti-infective	HIV	Human	Plasma	10.0-2,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Active
Rivaroxaban	Cardiovascular	Anticoagulant, Venous Thromboembolic Events (Vte)	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Ropinirole	CNS	Parkinson'S Disease And Restless Legs Syndrome	Human	Plasma	20.0-5,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Active
Rosiglitazone	Metabolic	Diabetes	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Rosuvastatin	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0200-20.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Rosuvastatin Lactone	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0500-10.0 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Sacubitril	Cardiovascular	Chronic Heart Failure	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Salbutamol	Pulmonary	Bronchial Asthma, Chronic Bronchitis, Reversible Obstructive Airway Disease	Human	Plasma	5.00-2500 pg/mL	200 µL	EDTA	-20°C, -70°C	Inactive
Salicylic Acid	CNS	Pain, Analgesic	Human	Plasma	25.0-25,000 ng/mL	50.0 µL	Sodium Fluoride/ Potassium Oxalate	-70°C	Active
Salmeterol	Pulmonary	Asthma, Chronic Obstructive Pulmonary Disease (Copd)	Human	Plasma	1.00-200 pg/mL	500 µL	EDTA	-20°C	Active
Saquinavir	anti-infective	HIV	Human	Plasma	2.00-400 ng/mL	100 µL	EDTA	-20°C, -70°C	Active

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Scopolamine	CNS	Motion Sickness, Excessive Salivation, Colicky Abdominal Pain, Bradycardia, Sialorrhoea, Diverticulitis, Irritable Bowel Syndrome	Human	Plasma	0.0500-10.0 ng/mL	100 µL	Heparin	-20°C, -70°C	Inactive
Selegiline	CNS	Parkinson'S Disease	Human	Plasma	0.100-20.0 ng/mL	250 µL	Heparin	-20°C	Inactive
Sertraline	CNS	Depression	Human	Plasma	0.250-100 ng/mL	100 µL	Heparin	-20°C	Inactive
Sildenafil	Cardiovascular	Erectile Dysfunction	Human	Plasma	1.00-500 ng/mL	25.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Sildenafil	Cardiovascular	Erectile Dysfunction	Human	Ultrafiltrate	0.200-100 ng/mL	100 µL	Heparin	-70°C	Inactive
Simvastatin	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0500-50.0 ng/mL	190 µL	Heparin	-70°C	Active
Simvastatin Acid	Metabolic	Hyperercholesterolemia (Triglyceridemia, Primary Dysbetalipoproteinemia (Type Iii Hyperlipoproteinemia), And Homozygous Familial Hypercholesterolemia)	Human	Plasma	0.0500-10.0 ng/mL	190 µL	Heparin	-70°C	Active
Sitagliptin	Metabolic	Diabetes	Human	Plasma	1.00-1,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active (Shanghai Only)
Sitagliptin	Metabolic	Diabetes	Human	Plasma	0.500-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
SN-38	Oncology	Colorectal Cancer, Active Metabolite Of Irinotecan	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Sofosbuvir	anti-infective	HCV, Antiviral	Human	Plasma	5.00-5,000 ng/mL	50.0 µL	Heparin	-20°C, -70°C	Active (Shanghai Only)
Sorafenib	Oncology	Advanced Renal Cell Carcinoma	Human	Plasma	0.100-50.0 Qg/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Sorafenib	Oncology	Advanced Renal Cell Carcinoma	Human	Serum	0.100-50.0 ng/mL	50.0 µL	NA	-20°C, -70°C	Active
SPMA (S-phenylmercapturic acid)	Occupational safety	Exposure To Benzene (Metabolite Of Benzene)	Human	Urine	50.0-5,000 ng/mL	200 µL	NA	-20°C, -80°C	Active
Stavudine	anti-infective	HIV	Human	Plasma	5.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Sulfapyridine	anti-infective	Skin Infections (Antibacterial)	Human	Plasma	0.500-50.0 Qg/mL	25.0 µL	Heparin	-20°C, -70°C	Active
Sulfasalazine	Immunology	Inflammatory Bowel Diseases (Crohn'S Disease) And Rheumatoid Arthritis)	Human	Plasma	0.500-50.0 Qg/mL	25.0 µL	Heparin	-20°C, -70°C	Active
Sumatriptan	CNS	Migraine	Human	Plasma	0.200-200 ng/mL	100 µL	Heparin	-20°C, -70°C	Active
Tacrolimus	Immunology	Immunosuppressive Drug, Transplants	Human	Whole Blood	50.0-10,000 pg/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Tadalafil	Cardiovascular	Erectile Dysfunction	Human	Plasma	1.00-500 ng/mL	150 µL	EDTA	-20°C	Inactive
Temozolomide	Oncology	Refractory Anaplastic Astrocytoma	Human	Plasma	10.0-10,000 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Tenofovir	anti-infective	HIV, Herpes Simplex Virus-2, and Hepatitis B Virus	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)

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Tenofovir	anti-infective	HIV, Herpes Simplex Virus-2, and Hepatitis B Virus	Human	Plasma	5.00-3,000 ng/mL	50.0 µL	EDTA	-70°C	Active
Tenofovir	anti-infective	HIV, Herpes Simplex Virus-2, and Hepatitis B Virus	Human	Plasma	1.00-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Terazosin	cardiovascular	Benign Prostatic Hyperplasia And Hypertension	Human	Plasma	0.200-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Testosterone	Metabolic	Primary Hypogonadism And Hypogonadotropic Hypogonadism	Human	Serum	10.0-2,500 ng/dL	300 µL	NA	-20°C, -70°C	Active
Testosterone	Metabolic	Primary Hypogonadism And Hypogonadotropic Hypogonadism	Human	Serum	20.0-10,000 pg/mL	150 µL	NA	-20°C, -70°C	Active
Tetracycline	anti-infective	Bacterial Infections	Human	Urine	0.200-10.0 Qg/mL	100 µL	NA	-70°C	Inactive
Theophylline	Pulmonary	Chronic Asthma And Other Chronic Lung Diseases	Human	Plasma	5.00-2,000 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Threohydroxybupropion	CNS	Depression, Active Metabolite Of Bupropion	Human	Plasma	1.00-1,000 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Thromboxane B2	Cardiovascular	Inactive Metabolite/Product Of Thromboxane A2	Human	Serum	1.00-500 ng/mL	100 µL	NA	-70°C	Active
Ticagrelor	Cardiovascular	Acute Coronary Syndrome	Human	Plasma	1.00-2,000 ng/mL	100 µL	Heparin	-20°C, -70°C	Active
Tiotropium	Pulmonary	Chronic Obstructive Pulmonary Disease (Copd) And Asthm	Human	Plasma	0.500-500 pg/mL	400 µL	EDTA	-20°C, -70°C	Inactive
TNF-α	Biomarker	Tumor Necrosis Factor - Alpha, Cell Signaling Protein (Cytokine) Involved In Systemic Inflammation, Not A Drug	Monkey	Serum	19.5-2,500 pg/mL	25.0 µL	NA		Active (Shanghai Only)
Tolbutamide	Metabolic	Non-Insulin-Dependent Diabetes Mellitus (Niddm)	Human	Plasma	5.00-5,000 ng/mL	25.0 µL	EDTA	-20°C, -70°C	Active
Tolbutamide	Metabolic	Non-Insulin-Dependent Diabetes Mellitus (Niddm)	Human	Plasma	0.100-100 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Topiramate	CNS	Epilepsy, Migraine	Human	Plasma	0.0200-20.0 Qg/mL	100 µL	EDTA	-20°C, -70°C	Active
Tramadol	CNS	Pain, Analgesic	Human	Plasma	1.00-500 ng/mL	50.0 µL	EDTA	-20°C	Inactive
trans 3' hydroxycotinine	Biomarker	Tobacco Biomarker, Nicotine Metabolite	Human	Urine	20.0-10,000 ng/mL	200 µL	NA	-20°C, -70°C	Active
Trazodone	CNS	Depression	Human	Plasma	10.0-5,000 ng/mL	50.0 µL	EDTA	-20°C, -80°C	Inactive
Triamcinolone Acetonide	Immunology	Broad Use Antiinflammatory	Human	Plasma	20.0-1,000 pg/mL	150 µL	EDTA	-20°C, -70°C	Active
Triazolam	CNS	Insomnia	Human	Plasma	0.100-50.0 ng/mL	100 µL	Heparin	-20°C	Inactive
Trimetazidine	Cardiovascular	Angina Pectoris	Human	Plasma	0.200-200 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Valproic Acid	CNS	Seizures, Migraine	Human	Plasma	0.200-100 Qg/mL	100 µL	EDTA	-20°C, -70°C	Active
Valsartan	Cardiovascular	Hypertension	Human	Plasma	50.0-10,000 ng/mL	50.0 µL	EDTA	-20°C	Active
Vancomycin	anti-infective	Methicillin-Resistant (Beta-Lactam-Resistant) Staphylococci	Human	Plasma	0.500-100 Qg/mL	50.0 µL	Sodium Fluoride/Potassium Oxalate	-20°C, -70°C	Active

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Vardenafil	Cardiovascular	Erectile Dysfunction	Human	Plasma	0.200-200 ng/mL	100 µL	EDTA, Heparin	-20°C, -70°C	Inactive
Venlafaxine	CNS	Depression	Human	Plasma	1.00-500 ng/mL	50.0 µL	Heparin	-70°C	Inactive
Vigabatrin	CNS	Seizures, Refractory Complex Partial Seizures	Human	Plasma	0.200-200 Qg/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Vildagliptin	Metabolic	Hyperglycemia	Human	Plasma	2.50-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Active (Shanghai Only)
Vinblastine	Oncology	Breast Cancer, Testicular Cancer, Lymphomas, Neuroblastoma, Hodgkin'S And Non-Hodgkin'S Lymphomas, Mycosis Fungoides, Histiocytosis, And Kaposi'S Sarcoma	Human	Plasma	0.250-250 ng/mL	50.0 µL	Sodium Citrate	-70°C	Active
Vincristine	Oncology	Cute Lymphocytic Leukemia (All), Hodgkin Lymphoma, Non-Hodgkin Lymphomas, Wilms' Tumor, Neuroblastoma, Rhabdomyosarcoma. Liposomal Vincristine Is Indicated For The Treatment Of Relapsed Philadelphia Chromosome-Negative (Ph-) Acute Lymphoblastic Leukemia (All)	Human	Plasma	0.500-100 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Active
Vincristine	Oncology	Cute Lymphocytic Leukemia (All), Hodgkin Lymphoma, Non-Hodgkin Lymphomas, Wilms' Tumor, Neuroblastoma, Rhabdomyosarcoma. Liposomal Vincristine Is Indicated For The Treatment Of Relapsed Philadelphia Chromosome-Negative (Ph-) Acute Lymphoblastic Leukemia (All)	Human	Plasma	0.200-300 ng/mL	200 µL	EDTA	-20°C, -70°C	Active
Vinorelbine	Oncology	Advanced Non-Small Cell Lung Cancer (Nsclc)	Human	Plasma	0.500-200 ng/mL	200 µL	EDTA	-20°C, -70°C	Inactive
Von Willebrand Factor: collagen binding activity	Biomarker	Biomarker, A Blood Glycoprotein Involved In Hemostasis	Human	Plasma	1.56-150 %	200 µL	Sodium Citrate		Active (Shanghai Only)
Voriconazole	anti-infective	Fungal Infections	Human	Plasma	5.00-5,000 ng/mL	100 µL	EDTA	-20°C	Inactive
Warfarin (R-)	Cardiovascular	Anticoagulant	Human	Plasma	10.0-1,000 ng/mL	100 µL	EDTA	-20°C	Active
Warfarin (R-)	Cardiovascular	Anticoagulant	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Warfarin (S-)	Cardiovascular	Anticoagulant	Human	Plasma	10.0-1,000 ng/mL	100 µL	EDTA	-20°C	Active
Warfarin (S-)	Cardiovascular	Anticoagulant	Human	Plasma	5.00-2,500 ng/mL	50.0 µL	EDTA, Heparin	-20°C, -70°C	Active
Zaleplon	CNS	Insomnia	Human	Plasma	1.00-200 ng/mL	50.0 µL	EDTA	-20°C, -70°C	Inactive
Zidovudine	anti-infective	HIV	Human	Plasma	4.00-800 ng/mL	100 µL	EDTA	-20°C, -70°C	Active
Ziprasidone	CNS	Schizophrenia, Manic Or Mixed Episodes Related To Bipolar I Disorder	Human	Plasma	0.500-500 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive
Zolpidem	CNS	Insomnia	Human	Plasma	0.500-100 ng/mL	100 µL	EDTA	-20°C, -70°C	Inactive

