

# Validated Non-Proprietary Assay (NPA) List

OFF-THE-SHELF ASSAYS TO SUPPORT A RANGE OF RESEARCH APPLICATIONS



Aliri brings more than 30 years of experience in bioanalytical services, developing robust methods to support all stages of drug discovery and development. We offer an extensive list of validated, off-the-shelf assays you can leverage to support a range of research applications. In addition to the hundreds of assays listed below, Aliri also excels at developing customized methods to meet your specific challenges.

COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
4-beta Hydroxycholesterol	Human Plasma	4.00–400 ng/mL	K2EDTA
Abacavir	Human Plasma	10.0–2,000 ng/mL	K2EDTA
Abiraterone	Human Plasma	0.200–200 ng/mL	K2EDTA
Acetaminophen	Human Dried Blood Spot	50.0–30,000 ng/mL	Sodium Heparin
Acetaminophen	Human Plasma	50.0–30,000 ng/mL	Sodium Heparin
Acetaminophen	Human Urine	1.00–250 µg/mL	NA
Acetaminophen	Human Dried Blood	50.0–30,000 ng/mL	Sodium Heparin
Albuterol	Human Plasma	1.00–1,000 pg/mL	K2EDTA
Aldosterone	Human Plasma	10.0–5,000 pg/mL	K2EDTA
Aldosterone	Human Urine	0.200–200 ng/mL	K2EDTA
Amprenavir	Human Plasma	10.0–10,000 ng/mL	K2EDTA /K3EDTA
Apixiban	Human Plasma	5.00–1,000 ng/mL	K2EDTA
Aripiprazole	Human Plasma	1.00 - 1,000 ng/mL	K3EDTA
Atazanavir	Human Plasma	1.00–1,000 ng/mL	K3EDTA
Atazanavir	Human Plasma	10.0–5,000 ng/mL	K2/K3EDTA
Atazanavir	Human Plasma	25.0–5,000 ng/mL	K2EDTA
Atazanavir	Human Plasma	10.0–10,000 ng/mL	K2EDTA
Atorvastatin, para-Hydroxy Atorvastatin and ortho-Hydroxy Atorvastatin	Human Plasma	0.300–50.0 ng/mL	K2EDTA
ATRIPLA™ (Tenofovir, Emtricitabine, Efavirenz)	Human Plasma	5.00–5,000 ng/mL	K2EDTA
Bile Acids (11 acids)	Human Plasma	2.00–1,000 ng/mL / 1.00–500 ng/mL / 5.00–2,500 ng/mL	K2EDTA
Bortezomib	Human Plasma	0.500–500 ng/mL	Sodium Heparin
Budesonide	Human Plasma	3.00–300 pg/mL	EDTA
Budesonide	Human Plasma	10.0–5,000 pg/mL	K2EDTA
Buprenorphine	Human Plasma	25.0–10,000 pg/mL	K2EDTA
Buprenorphine	Human Plasma	0.0500–20.0 ng/mL	K3EDTA
Bupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Bupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Bupropion, Hydroxybupropion	Human Plasma	0.0500–2,500 ng/mL	K2EDTA
Bupropion / Hydroxybupropion / Erythrohydrobupropion / Threohydrobupropion	Human Plasma	1.00–1,000 ng/mL	Sodium Heparin
Capecitabine	Human Plasma	10.0–1,000 ng/mL	K2EDTA
Capsaicin	Human Plasma	0.0500–50.0 ng/mL	K2EDTA
Carbamazepine	Human Plasma	50–50,000 ng/mL	K2EDTA

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COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
Clarithromycin	Human Plasma	5.00 - 5,000 ng/mL	K3EDTA
Clindamycin	Human Plasma	50-50,000 ng/mL	K2EDTA
Coproporphyrin I and Coproporphyrin III	Human Plasma	50-5,000 pg/mL	K2EDTA
Cortisol	Human Urine	1.00 to 100 ng/mL	NA
Cortisol / 6beta-hydroxycortisol	Human Urine	1.00-400 ng/mL for Cortisol 2.50-1,000 ng/mL for 6beta-hydroxycortisol	NA
Cyclophosphamide	Human Plasma	20.0-10,000 ng/mL	K2EDTA
Cyclosporin A	Human Whole Blood	5.00-2,000 ng/mL	K2EDTA /K3EDTA
Cyclosporine	Human Whole Blood	2.00-2,000 ng/mL	K2EDTA
Dabigatran	Human Plasma	1.10-550 ng/mL	K2EDTA
Darunavir	Human Plasma	20.0-4,000 ng/mL	K2EDTA
Darunavir	Human Plasma	10.0-10,000 ng/mL	K2EDTA
Dexamethasone	Human Plasma	0.250-250 ng/mL	K2EDTA
Dextromethorphan	Human Plasma	1.00-500 ng/mL	K2EDTA
Dextromethorphan	Human Urine	1.00-500 ng/mL	NA
Dextromethorphan	Human Urine	1.00-500 ng/mL	NA
Dextrophan	Human Urine	50.0-25,000 ng/mL	NA
Dextrophan	Human Plasma	1.00-500 ng/mL	K2EDTA
Dextrophan	Human Urine	1.00-500 ng/mL	NA
Diclofenac	Human Plasma	0.100-100 ng/mL	NaHep
Diclofenac	Human Plasma	10.00-2,000 ng/mL	K2EDTA
Digoxin	Human Plasma	100-50,000 pg/mL	K2EDTA
Digoxin	Human Urine	1.00-100 ng/mL	NA
Docetaxel	Human Plasma	10.0-10,000 ng/mL	K2EDTA /K3EDTA
Doxorubicin	Human Plasma	5.00-1,000 ng/mL	K2EDTA
Doxorubicin / Doxorubicinol	Human Plasma	5.00-5,000 ng/mL	K2EDTA
Doxorubicinol	Human Plasma	2.00-400 ng/mL	K2EDTA
Efavirenz	Human Plasma	10.0-2,000 ng/mL	K2EDTA
Efavirenz	Human Plasma	5.00-5,000 ng/mL	K2EDTA
Emtricitabine	Human Plasma	5.00-5,000 ng/mL	K2EDTA
Emtricitabine	Human Plasma	5.00-3,000 ng/mL	K2EDTA
Entecavir	Human Plasma	0.0400-16.0 ng/mL	K2EDTA
Erythrohydrobupropion	Human Plasma	1.00-1,000 ng/mL	K2EDTA
Erythrohydrobupropion	Human Plasma	1.00-1,000 ng/mL	K2EDTA
Esomeprazole	Human Plasma	5.00-5,000 ng/mL	K2EDTA
Eszopiclone	Human Plasma	1.00-100 ng/mL	K3EDTA
Etravirine	Human Plasma	2.00-400 ng/mL	K2EDTA
Everolimus	Human Whole Blood	0.200-50.0 ng/mL	K2EDTA
Famotidine	Human Plasma	1.00-500 ng/mL	K3EDTA
Famotidine	Human Plasma	1.00-500 ng/mL	K3EDTA

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COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
Fluconazole	Human Plasma	100–10,000 ng/mL	K3EDTA
Fluconazole	Human Plasma	20.0–10,000 ng/mL	K2EDTA
Fluoxetine	Human Plasma	0.100–50.0 ng/mL	K2EDTA
Fluticasone propionate	Human Plasma	5.00–1,000 pg/mL or 5.00–500 pg/mL	K3EDTA
Fluticasone propionate	Human Plasma	1.00–200 pg/mL	K2EDTA
Fluticasone propionate	Human Plasma	3.00–300 pg/mL	K2EDTA
Formoterol	Human Plasma	1.00–100 pg/mL	EDTA
Formoterol	Human Plasma	1.00–100 pg/mL	K3EDTA
Furosemide	Human Plasma	10.0–10,000 ng/mL	K2EDTA
Gemfibrozil	Human Plasma	50.0 - 25,000 ng/mL	Sodium Heparin
Guanfacine	Human Plasma	0.0500–5.00 ng/mL	K2EDTA
Hydrochlorothiazide	Human Plasma	1.00–200 ng/mL	K2EDTA
Hydroxybupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Hydroxybupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Ibandronate	Human Plasma	0.100–50.0 ng/mL	K2EDTA
Ibandronate	Human Plasma	0.200–200 ng/mL	K2EDTA
Iohexol	Human Plasma	1.00–500 µg/mL	K2 EDTA
Iohexol	Human Urine	2.00–1,000 µg/mL	NA
Irbesartan	Human Plasma	10.0–10,000 ng/mL	K2EDTA
Irinotecan / SN-38	Human Plasma	5.00–2,500 ng/mL for Irinotecan and 1.00–500 ng/mL for SN-38	K2EDTA
Itraconazole	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Itraconazole / Hydroxy Itraconazole	Human Plasma	2.00–1,000 ng/mL	K2EDTA
Ketoconazole	Human Plasma	50.0–5,000 ng/mL	Sodium Heparin
Ketoconazole	Human Plasma	50.0–5,000 ng/mL	K2EDTA
Ketoconazole	Human Plasma	50.0–5,000 ng/mL	K2EDTA
Ketoconazole	Human Plasma	20.0–10,000 ng/mL	K2EDTA
Lamivudine	Human Plasma	10.0–2,000 ng/mL	K2EDTA
Lenalidomide	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Levonorgestrel	Human Plasma	25–10,000 pg/mL	K2EDTA
Letrozole	Human Plasma	0.500–250 ng/mL	K2EDTA
Lopinavir	Human Plasma	5.00–5,000 ng/mL	K2EDTA /K3EDTA
Losartan / Losartan Carboxylic Acid	Human Plasma	1.00–1,500 ng/mL	K2EDTA
LTE4	Human Urine	2.00–500 pg/mL	NA
Maraviroc	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Mefenamic acid	Human Plasma	50.0–5,000 ng/mL	K3EDTA
Memantine	Human Plasma	0.100–100 ng/mL	K3EDTA
Mesalamine	MeCN Ext from HuP	2.00–2,000 ng/mL	K2EDTA
Metformin	Human Plasma	10–3,500 ng/mL	K2EDTA
Methadone/EDDP	Human Plasma	0.200–400 ng/mL	K2EDTA

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COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
Methadone/EDDP	Human Urine	0.200–400 ng/mL	NA
Methotrexate	Human Plasma	1.00–500 ng/mL	NaEDTA
Methotrexate / 7-Hydroxymethotrexate	Human Plasma	1.00–500 ng/mL	K2EDTA
Methotrexate / 7-Hydroxymethotrexate	Human Urine	1,000–50,000 ng/mL / 50.0–2,500 ng/mL	NA
Methyl-Prednisolone	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Midazolam / 1-Hydroxymidazolam	Human Plasma	0.200–10.0 ng/mL	EDTA/Lithium Heparin
Midazolam / 1-Hydroxymidazolam	Human Plasma	0.200–10.0 ng/mL	K2EDTA
Midazolam and Fexofenadine	Human Plasma	0.100–300 ng/mL / 2.00–6,000 ng/mL	K2EDTA
Midazolam and a-Hydroxymidazolam	Human Plasma	0.100–100 ng/mL	K2EDTA
Moexipril	Human Plasma	1.00–200 ng/mL	K2EDTA
Montelukast and Montelukast 1,2-diol	Human Plasma	5.00–1,000 ng/mL	K2EDTA
Morphine	Human Plasma	0.500–100 ng/mL	K2EDTA
Morphine / Morphine-3β-D-glucuronide / Morphine-6β-D-glucuronide	Human Plasma	0.500–50.0 ng/mL / 10.0–1,000 ng/mL / 1.00–100 ng/mL	K2EDTA
Morphine-6-β-D-glucuronide	Human Plasma	2.50–500 ng/mL	K2EDTA
Moxifloxacin	Human Plasma	25.0–5,000 ng/mL	K2EDTA
Moxifloxacin	Human Plasma	25.0–5,000 ng/mL	NaHep
Moxifloxacin	Human Plasma	25.0–5000 ng/mL	Sodium Heparin
Mycophenolic acid	Human Plasma	2.50–2500 ng/mL	K2EDTA
Mycophenolic acid-β-D-Glucuronide	Human Plasma	25.0–25,000 ng/mL	K2EDTA
Naloxone	Human Plasma	0.00500–2.00 ng/mL	K3EDTA
Naltrexone / Naltrexol	Human Plasma	0.0200–2.00 ng/mL / 0.500–50.0 ng/mL	K2EDTA
Nelfinavir	Human Plasma	1.00–1,000 ng/mL	K2EDTA /K3EDTA
Nevirapine	Human Plasma	20.0–4,000 ng/mL	K2EDTA
Nifedipine	Human Plasma	1.00–250 ng/mL	K2EDTA
Nilotinib	Human Plasma	5.00–2,000 ng/mL	K2EDTA
Nisoldipine	Human Plasma	50.0–10,000 pg/mL	K2EDTA
Norbuprenorphine	Human Plasma	50.0–20,000 pg/mL	K2EDTA
Norbuprenorphine	Human Plasma	0.100–40.0 ng/mL	K3EDTA
Norethindrone / Ethinyl Estradiol	Human Plasma	50.0–15,000 pg/mL / 5.00–1,500 pg/mL	K2EDTA
Norfluoxetine aka Seroxetine	Human Plasma	0.100–50.0 ng/mL	K2EDTA
Octreotide	Human Plasma	0.0500–20.0 ng/mL	K2EDTA
Olanzapine	Human Plasma	0.250–100 ng/mL	K2EDTA
Omeprazole	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Omeprazole / 5-Hydroxy Omeprazole	Human Plasma	10.0–1,000 ng/mL	K2EDTA /K3EDTA

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COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
Paclitaxel	Human Plasma	10.0–2,000 ng/mL	K3EDTA
Pramipexole	Human Plasma	50.0–5,000 pg/mL	K3EDTA
Pramipexole	Human Plasma	25.0–2,500 pg/mL	K2EDTA /K3EDTA
Prednisone	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Pregabalin	Human Plasma	50.0–20,000 ng/mL	K2EDTA
Prenisolone	Human Plasma	1.00–1,000 ng/mL	K2EDTA
R,S-Methadone	Human Plasma	0.500–100 ng/mL	K3EDTA
R,S-Methadone	Human Plasma	5.00–1,000 ng/mL	K2EDTA /K3EDTA
Raltegravir	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Raltegravir	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Raltegravir II	Human Plasma	10.0–10,000 ng/mL	K2EDTA
Ramelteon	Human Plasma	0.0500–8.00 ng/mL	K2EDTA
Ribavirin	Human Plasma	5.00–5,000 ng/mL	K2EDTA
Rifampin	Human Plasma	50.0–35,000 ng/mL	K2EDTA and Sodium Fluoride/Potassium Oxalate
Rifampin	Human Plasma	100–10,000 ng/mL	K2EDTA
Rifaximin	Human Plasma	0.100–10.0 ng/mL	K2EDTA
Rilpivirine	Human Plasma	1.00–500 ng/mL	K2EDTA
Riluzole	Human Dried Blood Spot	5.00–2,000 ng/mL	K2EDTA
Riluzole	Human Plasma	5.00–2,000 ng/mL	K2EDTA /K3EDTA
Risperidone / 9-Hydroxyrisperidone	Human Plasma	0.200–100 ng/mL	K2EDTA
Ritonavir	Human Plasma	1.00–1,000 ng/mL	K3EDTA
Ritonavir	Human Plasma	5.00–5,000 ng/mL	K2EDTA /K3EDTA
Ritonavir	Human Plasma	10.0–5,000 ng/mL	K2EDTA /K3EDTA
Rosiglitazone	Human Plasma	1.00–1,000 ng/mL	K2EDTA /K3EDTA
Rosuvastatin	Human Plasma	0.100–100 ng/mL	K2EDTA
Rosuvastatin / Desmethyl Rosuvastatin / Rosuvastatin Lactone	Human Plasma	0.0200–20.0 ng/mL for Rosuvastatin 0.100–10.0 ng/mL for Desmethyl Rosuvastatin 0.0500–10.0 ng/mL for Rosuvastatin Lactone	K2EDTA
R-Warfarin	Human Plasma	10.0–2,500 ng/mL	K2EDTA
Salicylic Acid and Acetylsalicylic Acid	Human Plasma	25.0–25,000 ng/mL	Sodium Fluoride/Potassium Oxalate
Salmeterol	Human Plasma	2.50–500 pg/mL	K3EDTA
Salmeterol	Human Plasma	1.00–100 pg/mL	K2EDTA
Salmeterol	Human Plasma	1.00–200 pg/mL	K2EDTA
Saquinavir	Human Plasma	2.00–400 ng/mL	K2EDTA
Scopolamine	Human Plasma	0.00200–2.00 ng/mL	K2EDTA
Sertraline / N-desmethylertraline	Human Plasma	0.250–100 ng/mL for Sertraline 0.500–100 ng/mL for N-desmethylertraline	Sodium Heparin
Sildenafil and N-desmethyl sildenafil	Human Plasma	0.500–500 ng/mL	K2EDTA

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COMPOUND	SPECIES MATRIX	VALIDATED RANGE	ANTICOAGULANT (S)
Stavudine	Human Plasma	5.00–1,000 ng/mL	K2EDTA
S-Warfarin	Human Plasma	10.0–2,500 ng/mL	K2EDTA
Tacrolimus	Human Whole Blood	50.0–10,000 pg/mL	K2EDTA
Tacrolimus	Whole Blood	0.100–100 ng/mL	K2EDTA
Tadalafil	Human Plasma	1.00–500 ng/mL	K3EDTA
Telmisartan	Human Plasma	0.500–5,000 ng/mL	K3EDTA
Temozolomide	Human Plasma	100–20,000 ng/mL	K2EDTA
Tenofovir	Human Plasma	5.00–3,000 ng/mL	K2EDTA
Tenofovir	Human Plasma	1.00–500 ng/mL	K2EDTA /K3EDTA
Threohydrobupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Threohydrobupropion	Human Plasma	1.00–1,000 ng/mL	K2EDTA
Thromboxane B2	Human Serum	1.00–500 ng/mL	NA
Tiotropium	Human Plasma	1.00–500 pg/mL	K2EDTA
Tiotropium	Human Plasma	0.500–500 pg/mL	K2EDTA
Tolbutamide / 4-hydroxytolbutamide	Human Plasma	5.00–5,000 ng/mL	K2EDTA
Total 4-beta hydroxycholesterol	Human Plasma	4.00–400 ng/mL	K2EDTA
Total cholesterol	Human Plasma	500–5,000 µg/mL	K2EDTA
Total Dabigatran	Human Plasma	1.10–550 ng/mL	K2EDTA
Tramadol	Human Plasma	1.00–500 ng/mL	K2EDTA
Valproic acid	Human Plasma	0.200–100 µg/mL	K2EDTA
Valproic Acid aka valproate	Human Serum	1–100 µg/mL	NA
Valsartan	Human Plasma	50.0–10,000 ng/mL	K2EDTA /K3EDTA
Vardenafil	Human Plasma	0.200–50.0 ng/mL	K2EDTA /K3EDTA
Vincristine	Human Plasma	0.500–100 ng/mL	K2EDTA
Voriconazole	Human Plasma	5.00–5,000 ng/mL	K2EDTA /K3EDTA
Warfarin (R-) / Warfarin (S-)	Human Plasma	10.0–1,000 ng/mL	K3EDTA
Zidovudine	Human Plasma	4.00–800 ng/mL	K2EDTA



For further information on our validated assays, including the most recent and searchable list, please visit our website: [AliriBio.com](https://AliriBio.com)