



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|------------------------|--|---------------|---------------------|--------------------------|-------------------|--------------|
| 17-Desacetyl Norgestimate (Norelgestromin) | Human Plasma | 0.02 - 10 ng/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| 17 α -Ethinylestradiol | Human Serum | 5.00 - 500 pg/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| 17 α -Ethinylestradiol Levonorgestrel | Human Serum and Plasma | 5.00 - 500 pg/mL 200 - 20,000 pg/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| 21-OH Deflazacort (Deflazacort) | Human Plasma | 5 - 250 ng/mL | 0.25 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| 6-Methoxy-2-Naphthylacetic acid (Nebumetane) | Human Plasma | 0.5 - 75 μ g/ml | 0.2 mL | EDTA | -70 | HPLC | QPS-India |
| 19-Norandrosterone 19-Norethiocholanolone | Human Urine | 0.600 - 60.0 ng/mL | 5 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| 4-Butylamino-benzoic acid | Human Plasma | 20 - 5,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| 4-Phenylbutyric acid | Human Plasma | 0.2 - 200 μ g/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| 5-Fluorouracil (5-FU) | Human Plasma | 5 - 3,000 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| 5-Fluorouracil (5-FU) Capecitabine | Human Plasma | 5.00 - 2,000 ng/mL 25.0 - 5,000 ng/mL | 0.1 mL | EDTA Heparin | -70 | LC/MS/MS | QPS-NL |
| 5-Fluorouracil (5-FU) Capecitabine Doxifluridine | Human Plasma | 5.00 - 2,000 ng/mL 25.0 - 2,000 mg/mL 25.0 - 2,000 mg/mL | 0.1 mL | EDTA Heparin | -70 | LC/MS/MS | QPS-NL |
| Abacavir | Human Plasma | 20 - 10,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Abacavir (ABC) | Human Plasma | 5 - 5,000 ng/mL | 0.2 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| A β -40 (Abeta-40) | Human Plasma | 5 - 10,000 pg/mL | 0.05 mL | EDTA | -70 | ECL (MSD) | QPS-Delaware |
| A β -40 (Abeta-40) | Human CSF | 16 - 10,000 pg/mL | 0.05 mL | N.Ap. | -70 | ECL (MSD) | QPS-Delaware |
| A β 1-42 (Abeta 1-42) | Human CSF | 3 - 2,000 pg/mL | 0.025 mL | N.Ap. | -70 | ECL (MSD) | QPS-Delaware |
| Abeta (A β) Total | Human Plasma | 100 - 8,000 pg/mL | 0.025 mL | EDTA | -70 | ECL (MSD) | QPS-Delaware |
| Abeta (A β) Total | Human CSF | 200 - 10,000 pg/mL | 0.025 mL | N.Ap. | -70 | ECL (MSD) | QPS-Delaware |
| A β (Abeta) multiplex (38, 40, 42) | Human CSF | 18 - 3,000 pg/ml for A β 38/42 16 - 10,000 pg/ml for A β 40 | 0.050 mL | N.Ap. | -70 | ECL (MSD) (3Plex) | QPS-Delaware |
| A β 40/42 (InnoBIA-Abeta Forms) | Human Plasma | | | N.Ap. | -70 | Luminex (2Plex) | QPS-Delaware |
| Abiraterone | Human Plasma | 0.2 - 500 ng/mL | 0.1 mL | Fluoride Oxalate | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Acarbose | Human Plasma | 3.00 - 1,000 ng/mL | 0.3 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Acarbose | Human Urine | 3.00 - 1,000 ng/mL | 0.3 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |



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| Acetaminophen | Human Plasma | 0.1 - 100 µg/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Acetaminophen Dextromethorphan Dextrorphan | Dog Plasma | 1 - 500 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Acetaminophen Dextromethorphan Dextrorphan | Rat Plasma | 10 - 5,000 ng/mL 1 - 500 ng/mL 1 - 500 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Acetaminophen Propoxyphene | Human Plasma | 50 - 2,000 ng/mL 1 - 400 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Acetylsalicylic Acid Salicylic Acid | Human Plasma | 10 - 2,500 ng/mL 50 - 10,000 ng/mL | 0.4 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-India |
| Acetylsalicylic Acid Salicylic Acid | Human Plasma | 50 - 2,500 ng/mL 500 - 7,000 ng/mL | 0.25 mL | Heparin | -70 | LC/MS/MS | QPS-India |
| Acetylsalicylic Acid Salicylic Acid | Human Plasma | 100 - 10,000 ng/mL 500 - 40,000 ng/mL | 0.20 mL | Heparin | -70 | LC/MS/MS | QPS-India |
| Acetylsalicylic Acid Salicylic Acid | Human Plasma | 20 - 10,000 ng/mL | 0.03 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Acetylsalicylic acid Dipyridamole Salicylic Acid | Human Plasma | 2 - 500 ng/mL 20 - 4,000 ng/mL 40 - 4,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Taiwan |
| Acyclovir | Human Plasma | 0.1 - 10 µg/mL | 0.5 mL | EDTA | -30 | HPLC | QPS-India |
| Acyclovir | Human Plasma | 20 - 5,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| ACTH | Monkey Plasma | 9 - 1,250 pg/mL | 0.17 mL | EDTA | -20 | Immulite | QPS-Delaware |
| ACTH | Human Plasma | 6.40 - 528 pg/mL | 0.4 mL | EDTA | -20 | ELISA | QPS-NL |
| Adalimumab (PK) | Human Serum | 250 - 10,000 ng/mL | 0.01 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Adalimumab (ADA) | Human Serum | N.Ap. | 0.01 mL | N.Ap. | -70 | MSD | QPS-Delaware |
| Adalimumab (Nab) | Human Serum | N.Ap. | 0.150 mL | N.Ap. | -70 | Cell-Based | QPS-Delaware |
| Adiponectin | Human Serum | 5 - 250 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Adiponectin | Human Plasma | 5 - 250 ng/mL | 0.05 mL | Heparin | -70 | ELISA | QPS-Delaware |
| Adiponectin | Human Serum | 780 - 100,000 ng/mL | 0.04 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Akt (phospho and total) | Human Platelet Lysates | relative signal | 0.050 mL | EDTA | -70 | ECL (MSD) | QPS-Delaware |

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| Albumin | Human Plasma | 15 - 600 mg/L | 0.01 mL | EDTA | -20 | Nephelometry | QPS-NL |
| Albumin | Human Urine | 2.50 - 90.0 mg/L | 0.2 mL | N.Ap. | -20 | Nephelometry | QPS-NL |
| Albuterol | Human Plasma | 0.25 - 25 ng/mL | 0.5 mL | EDTA | -70 | LC/MS/MS | QPS-Taiwan |
| Albuterol | Human Plasma | 1 - 1,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Aldosterone | Rat Serum | 25.0 - 1,600 pg/mL | 0.2 mL | N.Ap. | -20 | RIA | QPS-NL |
| Aldosterone | Human Plasma | 25.0 - 1,600 pg/mL | 0.2 mL | EDTA | -20 | RIA | QPS-NL |
| Alendronate | Human Urine | 1.00 - 1,000 ng/mL | 0.2 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Alfuzosin | Human Plasma | 0.05 - 50 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Alosetron | Human Plasma | 0.01 - 10 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| α -GST (alpha-GST) | Human Plasma | 60 - 2,000 pg/mL | 0.03 mL | EDTA | -70 | ELISA | QPS-Delaware |
| α 1-Acid Glycoprotein (AAG) | Human Plasma | 0.131 - 4.19 g/L | 0.03 mL | Heparin | -20 | Nephelometry | QPS-NL |
| α 1-Acid Glycoprotein (AAG) | Human Plasma | 0.131 - 4.19 g/L | 0.03 mL | EDTA | -20 | Nephelometry | QPS-NL |
| α 1-microglobulin (A1M) | Human Urine | 10 - 160 mg/L | 0.04 mL | N.Ap. | -20 | Nephelometry | QPS-NL |
| Alprazolam | Human Plasma | 1 - 50 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Alprazolam α -Hydroxy Alprazolam | Human Plasma | 0.0500 - 25.0 ng/mL | 0.1 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Aluminium | Formulation | 1.00 - 100 μ g/mL | 0.1 mL | N.Ap. | R.T. | ICP-MS | QPS-NL |
| Aluminium | Rat Faeces | 49.9 - 2,017 ng/mg | 0.25 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Aluminium | Rat Urine | 10.0 - 10,000 ng/mL | 0.25 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Aluminium Zinc (total) | Formulation | 40.0 - 5,120 ng/mL for Aluminium (+ KCl) 1.00 - 128 ng/mL for Aluminium (- KCl) 40.0 - 2,560 ng/mL for Zinc (+ KCl) 1.00 - 128 ng/mL for Zinc (- KCl) | 2 mL (non acid) 0.02 mL (acid) | N.Ap. | 2-8 | ICP-MS | QPS-NL |
| Ambrisentan 4-hydroxymethyl Ambrisentan | Human Plasma | 1 - 500 ng/mL 0.25 - 125 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Ambroxol | Human Plasma | 1 - 200 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Amisulpride | Human Plasma | 10 - 3,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Amlodipine | Human Plasma | 0.2 - 8.4 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-India |



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| Amlodipine | Human Plasma | 25 - 5,000 pg/mL | 0.3 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Amlodipine | Human Plasma | 0.05 - 5 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Amlodipine | Human Plasma | 0.05 - 10 ng/mL | 0.3 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Amoxicillin | Human Plasma | 200 - 20,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| d-Amphetamine | Human Plasma | 0.1 to 100 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| l-Amphetamine | | 0.1 to 100 ng/mL | | | | | |
| Amprenavir (APV) | Human Plasma | 100 - 10,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Amprenavir (APV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Anastrozole | Human Plasma | 0.1 - 20 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Anastrozole | Human Plasma | 0.1 - 25 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Angiotensin II | Human Plasma | 2.00 - 500 pg/mL | 1.2 mL | EDTA | -20 | RIA | QPS-NL |
| APC NPC | Human Plasma | 1.00-100 ng/mL | 0.125 mL | Heparin | -70 | HPLC-FLU | QPS-NL |
| Apolipoprotein E [ApoE] (112T>C, 158C>T) Genotyping | Human Whole Blood | N/A | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Apolipoprotein E [ApoE] (112T>C, 158C>T) Genotyping | Human Whole Blood | N/A | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| Argatroban | Human Plasma | 1 - 1,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Arginine Vasopressin (AVP) | Human Plasma | 1.00 - 64.0 pg/mL | 0.4 mL | EDTA | -20 | RIA | QPS-NL |
| Aripiprazole | Human Plasma | 0.8 - 80 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Aripiprazole Dehydroaripiprazole | Human Plasma | 1.00 - 1,000 ng/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Atazanavir | Human Plasma | 0.01 - 5 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Atazanavir Ritonavir | Human Plasma | 10 - 5,000 ng/mL 5 - 2,500 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Atenolol | Human Plasma | 25.0 - 2,500 ng/mL | 0.25 mL | EDTA | -20 | HPLC-FLU | QPS-NL |
| Atomoxetine | Human Plasma | 10 - 2,400 ng/mL | 0.25 mL | Heparin | -30 | LC/MS/MS | QPS-India |
| Atorvastatin | Human Plasma | 0.1 - 25 ng/mL | 0.4 mL | N.Ap. | -20 & -70 | LC/MS/MS | QPS-India |

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| Atorvastatin 2-OH-atorvastatin 4-OH-atorvastatin | Human Plasma | 0.1 - 150 ng/mL 0.1 - 150 ng/mL 0.05 - 20 ng/mL | 0.4 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Atorvastatin 2-OH-atorvastatin 4-OH-atorvastatin | Human Plasma | 1.00 - 500 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Atorvastatin <i>p</i> -Hydroxy Atorvastatin <i>o</i> -Hydroxy Atorvastatin | Human Plasma | 0.1 - 100 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| ATP-Binding Cassette Transporter Sub-family G2 (ABCG2) 421C>A Genotyping | Human Whole Blood | N/A | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Axitinib | Human Serum | 0.1 - 100 ng/mL | 0.1 mL | NA | -70 | LC/MS/MS | QPS-Delaware |
| Azithromycin | Human Plasma | 2 - 400 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Azithromycin | Human Plasma | 0.500 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Azithromycin | Human Plasma | 0.5 - 500 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| β2-microglobulin (B2M) | Human Serum | 0.400 - 12.0 µg/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| β2-microglobulin (B2M) | Human Urine | 0.400 - 6.00 µg/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| β2-microglobulin (B2M) | Human Urine | 0.2 - 12 µg/mL | 0.010 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| β2-microglobulin (B2M) | Human Serum | 0.2 - 12 µg/mL | 0.010 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| β2-microglobulin (B2M) | Human Urine | 0.200 - 2.50 mg/L | 0.05 mL | N.Ap. | -20 | Nephelometry | QPS-NL |
| Benazepril Benazeprilat | Human Plasma | 1 - 1,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Bendroflumethiazide | Human Serum | 1.00 - 200 ng/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Benidipine | Human Plasma | 0.025 - 2.5 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Bevacizumab (PK) | Human Serum | 250 - 3,000 ng/mL | 0.03 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Bevacizumab (ADA) | Human Serum | N.Ap. | 0.01 mL | N.Ap. | -70 | MSD | QPS-Delaware |
| Bicalutamide | Human Plasma | 20 - 3,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Bisoprolol | Human Plasma | 0.2 - 100 ng/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Bisoprolol | Human Plasma | 0.2 - 30 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Bone Alkaline Phosphatase (bALP) | Human Serum | 2 - 140 U/L | 0.04 mL | N.Ap. | -70 | EIA | QPS-Delaware |



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| Bosentan Sitaxsentan | Human Plasma | 5 - 5,000 ng/mL 10 - 10,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Bupivacaine Dexamethasone Lidocaine | Dog Plasma | 5 - 600 ng/mL 0.1 - 50 ng/mL 5 - 600 ng/mL | 0.15 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Buprenorphine Norbuprenorphine | Human Plasma | 20 - 5,000 pg/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Bupropion Hydroxy Bupropion | Human Plasma | 1 - 200 ng/mL 1 - 800 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Bupropion | Human Plasma | 1 - 200 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Caffeine Paraxanthine | Human Plasma | 50.0 - 2,500 ng/mL | 0.1 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Calcium (ionized) | Human Serum | 4.0 - 20 mg/dL | 0.02 mL | N.Ap. | -70 | Colorimetric | QPS-DE |
| Candesartan Hydrochlorothiazide | Human Plasma | 5 - 800 ng/mL 2.5 - 500 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Candesartan | Human Plasma | 1 - 200 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Capecitabine | Human Plasma | 25.0 - 10,000 ng/mL | 0.100 mL | EDTA | -20 & -70 | LC-MS/MS | QPS-NL |
| Capecitabine Doxifluridine 5-Fluorouracil | Human Plasma | 25.0 - 2,000 ng/mL 25.0 - 2,000 ng/mL 5.00 - 2,000 ng/mL | 0.1 mL | EDTA Heparin | -70 | LC/MS/MS | QPS-NL |
| Carbamazepine Carbamazepine-10,11-epoxide | Human Plasma | 2.00 - 2,000 ng/mL 1.00 - 1,000 ng/ml | 0.050 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Carbamazepine Carbamazepine-10,11-epoxide | Human Plasma | 20 - 20,000 ng/mL 5 - 5,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Carbidopa Levodopa | Human Plasma | 2 - 400 ng/mL 10 - 2,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Carboplatin | Human Urine | 1.00 - 1,000 ngPt/mL | 0.04 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Carboplatin | Human Plasma | 1.00 - 1,000 ngPt/mL | 0.05 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |
| Carboplatin | Human Plasma Ultrafiltrate | 1.00 - 1,000 ngPt/mL | 0.2 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |

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| Carboplatin Cisplatin Oxaliplatin | Human Plasma Ultrafiltrate | 1.00 - 250 ngPt/mL | 0.5 mL | Citrate | -20 | ICP-MS | QPS-NL |
| Carvedilol 4-OH Phenyl Carvedilol | Human Plasma | 0.5 - 250 ng/mL 0.25 - 50 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| CBG | Human Serum | 14 - 192 µg/mL | 0.04 mL | N.Ap. | -20 | RIA | QPS-NL |
| CD40 (soluble) | Human Plasma | 20 - 1250 pg/mL | 0.200 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Cefepime | Human Plasma | 0.2 - 20 µg/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Celecoxib | Human Plasma | 5 - 2,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Cetirizine | Human Plasma | 1.00 - 1,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Cetuximab | Human Serum | 2.50 - 150 µg/mL | 0.01 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Cevimeline | Human Plasma | 0.1 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Chlorpheniramine Codeine Guaifenesin | Human Plasma | 0.1 - 100 ng/mL 0.3 - 300 ng/mL 1 - 1,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Chromogranin A | Human Serum | 5 - 120 ng/mL | 0.06 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Cimetidine | Human Plasma | 50 - 5,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Cimetidine | Human Plasma | 50.0 - 5,000 ng/mL | 0.25 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Cisplatin | Human Plasma | 2.00 - 1,000 ng/mL | 0.2 mL | Heparin | -20 | ICP-MS | QPS-NL |
| Cisplatin | Human Plasma Ultrafiltrate | 2.00 - 1,000 ng/mL | 0.2 mL | Heparin | -20 | ICP-MS | QPS-NL |
| Cisplatin | Monkey Plasma | 1.00 - 10,000 ng/mL | 0.04 mL | EDTA | -70 | ICP-MS | QPS-NL |
| Cisplatin | Formulation | 2.00 - 12.0 µg/mL | 0.05 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Cisplatin | Human Plasma | 1.00 - 1,000 ngPt/mL | 0.05 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |
| Cisplatin | Human Plasma Ultrafiltrate | 1.00 - 1,000 ngPt/mL | 0.2 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |
| Cisplatin Carboplatin Oxaliplatin | Human Plasma Ultrafiltrate | 1.00 - 250 ngPt/mL | 0.5 mL | Citrate | -20 | ICP-MS | QPS-NL |
| Citalopram | Human Plasma | 0.25 - 80 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Cetirizine | Human Plasma | 5 - 622 ng/mL | 0.5 mL | EDTA | -70 | LC/MS/MS | QPS-India |



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| CK18 capsase-cleaved (M30) | Human Serum | 50 - 1,000 U/L | 0.025 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| CK18 total (M65) | Human Serum | 25 - 2,000 U/L | 0.025 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Clarithromycin 14-Hydroxy Clarithromycin | Human Plasma | 50 - 5,000ng/mL 25 - 1,500 ng/mL | 0.25 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| Clarithromycin | Human Plasma | 25 - 10,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Clopidogrel | Human Plasma | 0.1 - 10 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Cocaine Benzoylecgonine | Human Plasma | 5 - 500 ng/mL 10 - 1,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| c-Met / Hepatocyte Growth Factor Receptor 1 (HGF-R1) | Human Plasma | 1.56 - 25 ng/mL | 0.200 mL | EDTA | -70 | ELISA | QPS-Delaware |
| C-peptide GLP-1 Insulin | Human Serum | 15 - 500 pM for C-peptide 8 - 100 pM for GLP-1 (active) 40 - 1,000 pM for Insulin | 0.015 mL | N.Ap. | -70 | Luminex (3Plex) | QPS-Delaware |
| Collagen IV | Human Plasma | 25 - 1,000 ng/mL | 0.200 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Complement 1 and 2 (C1,C2) | Rat Plasma | 0.03 - 3.00 µg/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Complement 2C (C2C) | Rat Plasma | 10 - 500 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Complement 3a (C3a) | Human Plasma | 123 - 2,238 ng/mL | 0.01 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Complement 3a (C3a) | Human Plasma | 10.0 - 974 ng/mL | 10 µL | EDTA | -70 | ELISA | QPS-NL |
| Complement 4 (C4) | Human Plasma | 0.03 - 2 ng/mL | 0.01 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Complement 4 (C4) | Human Plasma | 14.5 - 1,856 µg/mL | 0.08 mL | Citrate | -70 | Nephelometry | QPS-NL |
| Complement 5a (C5a) | Human Plasma | 2.08 - 19.7 ng/mL | 20 µL | EDTA | -70 | ELISA | QPS-NL |
| Complement Factor B (Bb) | Human Plasma | 0.4 - 1 µg/mL | 0.02 mL | EDTA | -70 | EIA | QPS-Delaware |
| Complement Total (CH50) | Human Serum | 34 - 304 U eq/mL | 30 µL | N.Ap. | -70 | ELISA | QPS-NL |
| Corticosterone | Mouse Plasma | 1.0 - 145 ng/mL | 0.03 mL | Heparin | -20 | ELISA | QPS-NL |
| Corticosterone | Rat Plasma | 1.1 - 164 ng/mL | 0.03 mL | EDTA | -20 | ELISA | QPS-NL |
| Cortisol | Human Serum | 1 - 50 µg/dL | 0.11 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Cortisol | Human Serum | 1 - 50 µg/dL | 0.1 + 0.01 mL | N.Ap. | -20 | IMMULITE | QPS-Delaware |
| Cortisol | Dog Plasma | 0.500 - 60.0 µg/dL | 0.05 mL | EDTA | -20 | ELISA | QPS-NL |
| Cortisol | Human Plasma | 0.500 - 60.0 µg/gL | 0.05 mL | Citrate | -20 | ELISA | QPS-NL |
| Cortisol (free fraction) | Human Serum | 5.0 - 500 ng/mL | 0.2 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Cortisol (free fraction) Prednisolone (free fraction) | Human Serum | 5.00 - 500 ng/mL 1.00 - 500 ng/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------|---|---------------|-----------------|--------------------------|-----------------|--------------|
| Cortisol 6β-hydroxycortisol | Human Urine | 1.00 - 1,000 ng/mL | 0.1 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Cortisol 6β-Hydroxycortisol | Human Urine | 1 - 150 ng/mL 5 - 750 ng/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-Delaware |
| Cortisol 6β-Hydroxycortisol | Human Urine | 1 - 150 ng/mL 5 - 750 ng/mL | 0.2 mL | N.Ap. | -20 | UPLC/MS/MS | QPS-Delaware |
| Cortisol Prednisolone | Human Serum | 5.00 - 500 ng/mL 2.50 - 500 ng/mL | 0.05 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| C-peptide | Human Serum | 0.5 - 7 ng/mL | 0.15 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| C-peptide | Human Serum | 115 - 4,250 pmol/L | 0.05 mL | N.Ap. | -20 | ELISA | QPS-NL |
| C-peptide GLP-1 Insulin | Human Serum | 15 - 500 pM for C-peptide 8 - 100 pM for GLP-1 (active) 40 - 1,000 pM for Insulin | 0.015 mL | N.Ap. | -70 | Luminex (3Plex) | QPS-Delaware |
| Creatine Kinase-MB (CK-MB) | Human Plasma | 4.29 - 572 ng/mL | 0.15 mL | Heparin | -20 | Immulite | QPS-Delaware |
| Creatinine | Human Urine | 0.1 - 2 mM | 0.02 mL | N.Ap. | -20 | Colorimetric | QPS-Delaware |
| Creatinine | Human Urine | 0.400 - 40.0 µg/mL | 0.01 mL | N.Ap. | -20 | HPLC-UV | QPS-NL |
| CRP | Human Plasma | 0.18 - 16.2 mg/dL | 0.11 mL | EDTA or Heparin | -20 | Immulite | QPS-Delaware |
| CTxI | Human Serum | 0.02 - 3.38 ng/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| CTxI | Monkey Serum | 0.173 - 3.015 ng/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| CTxII | Rat Urine | 10 - 500 ng/mL | 0.01 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Cyclobenzaprine | Human Plasma | 0.5 - 150 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Cyclobenzaprine | Human Plasma | 0.1 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Cyclophosphamide Fludarabine | Human Plasma | 2.00 - 2,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Cyclosporin A | Human Whole Blood | 5.00 - 5,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-NL |
| Cyclosporin A | Human Whole Blood | 2 - 1,000 ng/mL | 0.1 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-Delaware |
| CYP2B6 (*5A, *9, *18) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| CYP2C19 (*2, *3, *4, *5, *6, *8) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|---|----------------------------|---------------|----------------|--------------------------|-------------------------|--------------|
| CYP2C9 (*2, *3, *4, *5, *8, *11, *13) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| CYP2D6 (*3, *3b, *5-2xN, *6, *7, *8, *10, *11, *14) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| CYP2D6 (*4, *17, 2850C>T, 4180G>C) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| CYP2D6 (*4, *5/*2xN, *9, *15, *17, *19, *20, *29, *35, *38, *40, *41, *44, 1846G>A, 1023C>T, 2850C>T, 4180G>C) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| CYP3A4 (*1B, *2, *3) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| CYP3A5 (*3C, *6) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Cystatin C | Human Serum | 3.12 - 50 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Cystatin C | Human Urine | 3.12 - 50 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Cystatin C | Human Serum | 0.156 - 3,000 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Cystatin C | Human Urine | 1.56 - 400 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Cystatin C | Human Plasma | 2 - 100 ng/mL | 0.01 mL | Heparin | -20 | ELISA | QPS-Delaware |
| Cytidine Deaminase, CDA (79A>C, 208G>A, 435C>T) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Cytokine Panel - Invitrogen | Human Cell Culture Supernatants and Human Serum | various in the pg/mL range | 0.05 mL | N.Ap. | -20 | Luminex (25Plex) | QPS-Delaware |
| Dalteparin Sodium (anti-Factor Xa) | Human Plasma | 1.0 - 10.0 µg/mL | 0.025 mL | Citrate | -70 | Activity / Colorimetric | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|--------------|--|---------------|----------------|--------------------------|-------------------------|--------------|
| Dalteparin Sodium (anti-Factor IIa) | Human Plasma | 1.0 - 8.0 µg/mL | 0.025 mL | Citrate | -70 | Activity / Colorimetric | QPS-Delaware |
| Dapsone Dapsone Hydroxyamine | Human Urine | 50 - 3,000 ng/mL | 0.1 mL | N.Ap. | -70 | LC/MS/MS | QPS-Delaware |
| Dapsone N -Acetyldapsone | Human Plasma | 10 - 3,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Dapsone N -Acetyldapsone | Human Plasma | 10 - 3,000 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Dapsone | Human Plasma | 5 - 5,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Darbepoetin Alpha (PK) | Human Serum | 125 - 4,000 ng/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Darifenacin | Human Plasma | 20 - 20,000 pg/mL | 0.6 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Darunavir | Human Plasma | 20 - 10,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Dasatinib | Human Plasma | 0.5 - 500 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Delavirdine (DLV) Nevirapine (NVP) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Desipramine Imipramine | Human Plasma | 2.00 - 200 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Desipramine Imipramine | Human Plasma | 1 - 2,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Desloratadine Pseudoephedrine | Human Plasma | 25 - 2,500 pg/mL 5 - 550 ng/mL | 0.5 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| Desloratadine | Human Plasma | 0.05 - 5 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Desloratadine 3-Hydroxydesloratadine | Human Plasma | 0.05 - 10 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Desvenlafaxine | Human Plasma | 0.5 - 600 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Dexamethasone Bupivacaine Lidocaine | Dog Plasma | 0.1 - 50 ng/mL 5 - 600 ng/mL 5 - 600 ng/mL | 0.15 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Dexlansoprazole | Human Plasma | 10 - 5,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-----------------------------|--|---------------|----------------|--------------------------|--------------|---------------------|
| Dextromethorphan Dextrorphan | Mouse Plasma | 0.2 - 100 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Dextromethorphan Dextrorphan | Human Urine | 10.0 - 10,000 ng/mL 100 - 10,000 ng/mL | 0.5 mL | N.Ap. | -20 | HPLC-FLU | QPS-NL |
| Dextromethorphan Dextrorphan 3-Methoxymorphinan | Human Urine Human Plasma | 5.00 - 500 ng/mL 10.0 - 500 ng/mL 5.00 - 500 ng/mL | 0.5 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Dextromethorphan Dextrorphan Acetaminophen | Dog Plasma | 1 - 500 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Dextromethorphan Dextrorphan Acetaminophen | Rat Plasma | 1 - 500 ng/mL 1 - 500 ng/mL 10 - 5,000 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Dextromethorphan Guaifenesin | Human Plasma | 100 - 32,000 pg/mL 10 - 5,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| D-dimer | Human Plasma | | | | -70 | ELISA | QPS-Delaware |
| DHEA | Human Serum | 0.500 - 250 ng/mL | 0.2 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| DHEA-S | Human Serum | 50.0 - 10,000 ng/mL | 0.02 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Diclofenac | Human Plasma | 100 - 6,000 ng/mL | 0.75 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| Diclofenac | Human Plasma | 0.5 - 500 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Diclofenac | Human Plasma | 5 - 2,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Diclofenac | Human Plasma | 9.30 - 930 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Diclofenac | Human Urine | 10.0 - 1,000 ng/mL | 1 mL | N.Ap. | -20 | HPLC-UV | QPS-NL |
| Didanosine (ddI) Stavudine (d4T) Zidovudine (AZT) | Human Plasma | 5 - 3,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Di-Demethyl Sibutramine | Human Plasma | 50 - 10,000 pg/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Diphenhydramine | Human Plasma | 0.2 - 200 ng/mL | 0.03 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Digoxin | Human Plasma | 0.1 - 30 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Dipyridamole | Human Plasma | 10 - 5,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Dithiotreitol (DTT) | Formulation | 3.00 - 100 µg/mL | 0.05 mL | N.Ap. | -20 | HPLC-UV | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---|--|----------------|-----------------|--------------------------|-----------------------------------|---------------------|
| Docetaxel Paclitaxel (Taxol) | Human Plasma | 2 - 1,000 ng/mL 5 - 2,000 ng/mL | 0.2 mL | Heparin | -70 | LC/MS/MS | QPS-Taiwan |
| Docetaxel Paclitaxel (Taxol) | Human Plasma | 2 - 1,000 ng/mL | 0.1 mL | Heparin | -70 | LC/MS/MS | QPS-Delaware |
| Docetaxel Paclitaxel (Taxol) | Human Serum | 2 - 2,000 ng/mL | 0.1 mL | N/A | -20 | LC/MS/MS | QPS-Delaware |
| Dolutegravir | Human Plasma | 20 - 20,000 ng/mL | 0.025 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Domperidone | Human Plasma | 1 - 50 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Donepezil | Human Plasma | 0.2 - 50 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Donepezil | Human Plasma | 0.2 - 40 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Donepezil | Human Plasma | 0.2 - 50 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Donepezil | Human Plasma | 0.1 - 20 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Doxazosin | Human Plasma | 0.2 - 20 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Doxazosin | Human Plasma | 0.1 - 30 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Doxazosin | Human Plasma | 0.500 - 40,000 ng/mL | 0.5 mL | Citrate | -20 | HPLC-FLU | QPS-NL |
| Doxifluridine Capecitabine 5-Fluorouracil | Human Plasma | 25.0 - 2,000 mg/mL 25.0 - 2,000 mg/mL 5.00 - 2,000 ng/mL | 0.1 mL | EDTA Heparin | -70 | LC/MS/MS | QPS-NL |
| Doxycycline | Human Plasma | 10 - 1500 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Doxycycline | Human Plasma | 20 - 2,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Doxycycline | Human Plasma | 25.0 - 5,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| DPPiV | Human Plasma | 3.1 - 31.0 U/L | 0.01 mL | EDTA | -70 | the assay Fluorescence det | QPS-Delaware |
| Drospirenone | Human Serum | 0.200 - 100 ng/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Duloxetine | Human Plasma | 0.5 - 200 ng/mL | 0.25 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Dutasteride | Human Plasma | 0.05 - 50 ng/mL | 0.15 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Dutasteride | Human Serum | 0.05 - 50 ng/mL | 0.15 mL | N.Ap. | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Efavirenz (EFV) | Human Plasma | 1 - 1,500 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Efavirenz (EFV) | Human Plasma | 5 - 5,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Eosinophil Cationic Protein (ECP) | Human Serum and Human Cleared Sputum | 0.400 - 40 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|--------------------------------------|---------------------|---------------|----------------|--------------------------|-------------------------|--------------|
| Eosinophil Derived Neurotoxin (EDN) | Human Serum and Human Cleared Sputum | 0.600 - 40 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Eotaxin FGF basic IL-5 IL-13 NGF TGF-β Eotaxin-3 | Human Serum | 2.44 - 10,000 pg/mL | 0.05 mL | N.Ap. | -70 | Luminex (3Plex) | QPS-Delaware |
| Emtricitabine (FTC) | Human Urine | 0.5 - 100 ug/mL | 0.05 mL | N.Ap. | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Emtricitabine (FTC) Tenofovir (TFV) | Human Plasma | 5 - 3,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Enalapril Enalaprilate | Human Plasma | 0.500 - 50.0 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Enoxaparin Sodium (anti-Factor Xa) | Human Plasma | 1.0 - 10.0 µg/mL | 0.025 mL | Citrate | -70 | Activity / Colorimetric | QPS-Delaware |
| Enoxaparin Sodium (anti-Factor IIa) | Human Plasma | 1.0 - 8.0 µg/mL | 0.025 mL | Citrate | -70 | Activity / Colorimetric | QPS-Delaware |
| Entecavir | Human Plasma | 50 - 20,000 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| EPO | Monkey Plasma | 0 - 400 mIU/mL | 0.35 mL | Heparin | 2-8 | Immulate | QPS-Delaware |
| EPO | Monkey Serum | 0 - 400 mIU/mL | 0.35 mL | Heparin | 2-8 | Immulate | QPS-Delaware |
| Erk Total | Human PBMC Lysate | 30 - 2,000 pg/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| Erk pTpY185/187 | Human PBMC Lysate | 1.6 - 100 U/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| Erlotinib | Human plasma | 5 - 2500 ng/mL | 0.05 mL | EDTA | -20-70 | LC/MS/MS | QPS-Delaware |
| Erythromycin | Human Plasma | 0.100 - 100 ng/mL | 0.25 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| E-selectin | Human Plasma | 0.6 - 3,000 ng/mL | 0.1 mL | Heparin | -70 | ELISA | QPS-Delaware |
| E-selectin | Human Serum | 0.6 - 3,000 ng/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Escitalopram | Human Plasma | 1 - 50 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Esomeprazole | Human Plasma | 10 - 4,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Estetrol (E4) | Human Plasma | 25.0 - 10,000 pg/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Estetrol (E4) | Rat Plasma | 25.0 - 25,000 pg/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Estetrol (E4) | Monkey Plasma | 25.0 - 25,000 pg/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Estetrol (E4) | Rabbit Plasma | 25.0 - 25,000 pg/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Estradiol (E2) | Dog Plasma | 25 - 2,000 pg/mL | 0.4 mL | EDTA | -20 | ELISA | QPS-NL |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|---------------|--|---------------|----------------|--------------------------|----------|--------------|
| Estradiol (E2) | Human Serum | 20 - 2,000 pg/mL | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| Estradiol (E2) | Rabbit Plasma | 25 - 2,000 pg/mL | 0.4 mL | EDTA | -20 | ELISA | QPS-NL |
| Estradiol (E2) Estrone (E1) | Human Serum | 3.50 - 350 pg/mL | 1.5 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Estradiol (E2) Estrone (E1) | Rat Serum | 25.0 - 2,500 pg/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Estradiol (E2) Estrone (E1) Norethisterone | Human Serum | 10.0 - 1,000 pg/mL 10.0 - 1,000 pg/mL 50.0 - 5,000 pg/mL | 0.5 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Estrone (E1) Estradiol (E2) | Human Serum | 3.50 - 350 pg/mL | 1.5 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Estrone (E1) Estradiol (E2) | Rat Serum | 25.0 - 2,500 pg/mL | 0.2 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Estrone-sulphate (E1S) | Human Serum | 0.100 - 10.0 ng/mL | 0.25 mL | N.Ap. | -20 | LC/MS/MS | QPS-NL |
| Eszopiclone | Human Plasma | 0.5 - 100 ng/ml | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Ethacrynic acid | Human plasma | 0.25 - 500 ng/mL | 0.15 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Ethinyl Estradiol | Human Plasma | 2.5 - 500 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Etravirine | Human Plasma | 2 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Febuxostat | Human Plasma | 10 - 10,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Fentanyl | Human Plasma | 10 - 5,000 pg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Etodolac | Human Plasma | 50 - 40,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Felodipine | Human Plasma | 0.05 - 10 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Felodipine | Human Plasma | 50 - 16,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Fenofibric acid | Human Plasma | 50 - 8,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Fenofibric acid | Human Plasma | 50 - 50,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Fenofibric acid | Human Plasma | 20 - 400 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Fexofenadine | Human Plasma | 2 - 300 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Fexofenadine | Human Plasma | 2 - 800 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Fexofenadine | Human Plasma | 4 - 1600 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Finasteride | Human Plasma | 0.4 - 80 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Finasteride | Human plasma | 0.200 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Fluconazol | Human plasma | 100 - 5,000 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---------------------------------|--------------|-----------------------------------|---------------|----------------|--------------------------|--------------|--------------|
| Fluconazole | Human Plasma | 50 - 10,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Fludarabine Cyclophosphamide | Human Plasma | 2.00 - 2,000 ng/mL | 0.1 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Fluoxetine Norfluoxetine | Human Plasma | 0.25 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Fluvastatin | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Fluvoxamine | Human Plasma | 0.5 - 500 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Gabapentin | Human Plasma | 20 - 20,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Gadolinium | Human Plasma | 0.250 - 250 µg/mL | 0.05 mL | EDTA | -20 & -70 | ICP-MS | QPS-NL |
| Gadolinium | Human Urine | 1.00 - 1,000 µg/mL | 0.05 mL | N.Ap. | -20 & -70 | ICP-MS | QPS-NL |
| Galantamine | Human Plasma | 0.5 - 60 ng/mL | 0.25 mL | EDTA | -70 | LC/MS/MS | QPS-India |
| Gemcitabine | Human Plasma | 10 - 5,000 ng/mL | 0.05 mL | Heparin | -70 | LC/MS/MS | QPS-Delaware |
| Gemcitabine dFdU | Human plasma | 0.1 - 50 ng/mL 0.1 - 50 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Gemfibrozil | Human Plasma | 50 - 25,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Gemifloxacin | Human Plasma | 10 - 5,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Glucose | Human Plasma | 100 - 4,000 µg/mL | 0.05 mL | Fluoride | -20 | Enzyme assay | QPS-NL |
| Glucose | Human Urine | 6.25 - 250 µg/mL | 0.5 mL | N.Ap. | -20 | Enzyme assay | QPS-NL |
| Glutamate | CSF | 0.100 - 10.0 µg/mL | 0.01 mL | N.Ap. | -70 | LC-MS/MS | QPS-NL |
| Glyburide | Human Plasma | 1 - 500 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Glyburide Metformin | Human Plasma | 2 - 150 ng/mL 20 - 1,500 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Taiwan |
| Glycine | Human CSF | 0.0500 - 25.0 µg/mL | 0.02 mL | N.Ap. | -70 | LC/MS/MS | QPS-NL |
| Glycine | Human Plasma | 5.00 - 2,000 µg/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------------------|--|---------------|----------------|--------------------------|-------------------|--------------|
| GM-CSF IL-1β IL-2 IL-6 IL-8 IL-10 TNFα IL-12p70 IFN-γ | Human Serum | 2.44 - 2,500 pg/mL for GM-CSF 2.44 - 2,500 pg/mL for IL-1β 2.44 - 2,500 pg/mL for IL-2 2.44 - 2,500 pg/mL for IL-6 2.44 - 2,500 pg/mL for IL-8 2.44 - 2,500 pg/mL for IL-10 2.44 - 2,500 pg/mL for TNF-α 9.77 - 2,500 pg/mL for IL-12p70 39.1 - 2500 pg/mL for IFN-γ | 0.05 mL | N.Ap. | -20 | ECL (MSD) (9plex) | QPS-NL |
| Granisetron | Human Plasma | 0.05 - 50 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Granisetron | Human Plasma | 0.4 - 80 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Granisetron | Human Plasma | 0.05 - 50 ng/mL | 0.05 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Guafenesin | Human Plasma | 10 - 5,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Haloperidol | Human Plasma | 0.100 - 100 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Hepatocyte Growth Factor (HGF) | Human Plasma | 125 - 8,000 pg/mL | 0.200 mL | EDTA | -70 | ELISA | QPS-Delaware |
| HMGB-1 | Human Whole Blood Supernatant | 2.5 - 80 ng/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Homovanillic acid | Human CSF | 10.0 - 1,000 ng/mL | 0.05 mL | N.Ap. | -70 | LC/MS/MS | QPS-NL |
| Human Growth Hormone (GH) | Human Serum | 0.05 - 40 ng/mL | 0.5 mL | N/A | -20 | Immulite | QPS-NL |
| Human Growth Factor Panel I: bFGF sFLT 1 PIGF VEGF | Human Plasma | 10 - 2,000 pg/mL | 0.065 mL | EDTA | -70 | ECL (MSD) (4Plex) | QPS-Delaware |
| Human Growth Factor Panel II: C-Kit VEGF-R2 | Human Plasma | 206 - 150,000 pg/mL for c-Kit 20.6 - 15,000 pg/mL for VEGF-R2 | 0.010 mL | EDTA | -70 | ECL (MSD) (2Plex) | QPS-Delaware |
| Human IgG1 | Rat Serum | 50 - 5,000 ng/mL | 0.005 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Human IgG1 | Mouse Serum | 50 - 5,000 ng/mL | 0.005 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Hydrochlorothiazide | Human Plasma | 4 - 350 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-India |
| Hydrocodone Hydromorphone | Human Plasma | 0.1 - 200 ng/mL 0.05 - 5 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|------------------------|---|---------------|----------------|--------------------------|-------------------|--------------|
| Hydrocodone Hydromorphone | Human Plasma | 0.1 - 100 ng/mL 0.03 - 30 ng/mL | 0.25 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Hydrocodone Hydromorphone | Rat Plasma | 0.05 - 100 ng/mL 0.1 - 100 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Hydrocodone Codeine Guaifenesin | Human Plasma | 0.1 - 100 ng/mL 0.3 - 300 ng/mL 5 - 5,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Ibandronate | Human Plasma | 0.5 - 100 ng/mL | 0.3 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Ibuprofen | Human Plasma | 0.2 - 40 µg/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-India |
| Ibuprofen | Human Plasma | 1 - 125 µg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Ibuprofen | Human Plasma | 25.0 - 1,000 ng/mL | 0.5 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Ibuprofen | Human Plasma | 0.2 - 200 ug/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| ICAM-1 | Human Serum | 1.56 - 50 ng/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| ICAM-3 | Human Serum | 0.625 - 20 ng/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| IFN-α | Mouse Serum | 1 - 500 pg/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| IFN-α | Human Serum | 45 - 1,000 pg/mL | 0.125 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| IFN-γ IL-1β IL-6 TNF-α | Human Plasma | 4 - 2,500 pg/mL for IFN-γ 0.13 - 2,500 pg/mL for IL-β 0.15 - 2,500 pg/mL for IL-6 0.28 - 2,500 pg/mL for TNF-α | 0.05 mL | EDTA | -70 | ECL (MSD) (4Plex) | QPS-Delaware |
| IFN-γ IL-1β IL-2 IL-4 IL-6 TNF-α | Monkey Serum | 2.44 - 10,000 pg/mL for IFN-γ 2.44 - 625 pg/mL for IL-1β 2.44 - 40,000 pg/mL for IL-2 2.44 - 2,500 pg/mL for IL-4 2.44 - 10,000 pg/mL for IL-6 9.77 - 40,000 pg/mL for TNF-α | 0.15 mL | N.Ap. | -20 | Luminex (6Plex) | QPS-Delaware |
| IGF-1 | Rabbit Serum | 0.2 - 6.0 ng/mL | 0.02 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| IGF-1 | Rat Serum | 30 - 2,000 pg/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| IGFBP-3 | Human Serum | 0.75 - 50 ng/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| IL-1β IL-10 TNF-α | Human Plasma and Serum | 20 - 4,000 pg/mL | 0.06 mL | N.Ap. | -20 | Luminex (3Plex) | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------------------|---|---------------|----------------|--------------------------|-----------------|--------------|
| IL-6 IL-10 IL-12 TNF- α | Mouse Serum | 19 - 1,237 pg/mL for IL-6 13 - 837 pg/mL for IL-10 55 - 3,562 pg/mL for IL-12 13 - 850 pg/mL for TNF- α | 0.10 mL | N.Ap. | -20 | Luminex (4Plex) | QPS-Delaware |
| IL-6 IL-10 IL-12 | Human PBMC Supernatants | 2.44 - 10,000 pg/mL | 0.05 mL | N.Ap. | -20 | Luminex (3Plex) | QPS-Delaware |
| Imatinib Desmethyl Imatinib | Human Plasma | 50 - 5,000 ng/mL 25 - 500 ng/mL | 0.20 ml | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Imatinib Desmethyl Imatinib | Human Plasma | 10 - 2,000 ng/mL 1 - 200 ng/mL | 0.20 ml | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Imidapril Imidaprilate | Human Plasma | 0.5 - 50 ng/mL 0.5 - 50 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-India |
| Imidapril Imidaprilat | Human Plasma | 0.4 - 80 ng/mL 0.2 - 60 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Imipramine | Human Plasma | 0.5 - 150 ng/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Imipramine Desipramine | Human Plasma | 2.00 - 200 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| Indapamide | Human Whole Blood | 2.00 - 500 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-NL |
| Indinavir (IDV) Nelfinavir (NFV) Saquinavir (SQV) Amprenavir (APV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Indomethacin | Human Plasma | 10 - 12,500 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Inhibin B | Human Serum | 9.40 - 951 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Insulin | Human Serum | 3.00 - 200 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Insulin | Human Serum | 2 - 300 μ IU/mL | 0.25 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Insulin | Human Serum | 2 - 100 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Insulin | Human Bronchial Alveoli Fluid | 2 - 200 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Insulin | Mouse Serum | 2 - 200 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Insulin | Rat Serum | 2 - 200 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|-------------------------------|---------------------|---------------|----------------------------|--------------------------|-----------------|--------------|
| Insulin | Dog Serum | 2 - 100 μ IU/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Insulin Lispro (PK) | Human Serum | 8 - 160 μ U/mL | 0.1 mL | N.Ap. | -70 | RIA | QPS-Delaware |
| Interleukin-1 β (IL-1 β) | Cell Culture Media | 5 - 250 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-1 β (IL-1 β) | Human Plasma | 4 - 250 pg/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| Interleukin-1 β (IL-1 β) | Human Plasma Media Mixture | 4 - 500 pg/mL | 0.2 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-1 β (IL-1 β) | Human Whole Blood Supernatant | 24 - 1,166 pg/mL | 0.4 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Interleukin-1 β (IL-1 β) High Sensitivity | Human Serum | 0.125 - 8 pg/mL | 0.15 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-1 β (IL-1 β) Interleukin-10 (IL-10) TNF- α | Human Serum | 20 - 4,000 pg/mL | 0.06 mL | N.Ap. | -20 | Luminex (3Plex) | QPS-Delaware |
| Interleukin-1 Receptor Antagonist (IL-1RA) | Human Serum | 31.2 - 2,000 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-4 (IL-4) Interleukin-5 (IL-5) | Human Serum | 9.77 - 2,500 pg/mL | 0.1 mL | N.Ap. | -20 | ECL | QPS-NL |
| Interleukin-6 (IL-6) | Human Whole Blood Supernatant | 19 - 2,024 pg/mL | 0.2 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Interleukin-6 (IL-6) | Human Plasma | 3.125 - 300 pg/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| Interleukin-6 (IL-6) High Sensitivity | Human Plasma | 0.16 - 10 pg/mL | 0.2 mL | Citrate EDTA Heparin | -20 | ELISA | QPS-Delaware |
| Interleukin-6 (IL-6) | Human Serum | 3.12 - 300 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Interleukin-6 (IL-6) High Sensitivity | Human Serum | 0.156 - 10.0 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Interleukin-6 (IL-6) High Sensitivity | Human Serum | 0.16 - 10 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-6 soluble receptor (IL-6 sR) | Human Serum | 0.0313 - 2.00 ng/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------------------|---|---------------|----------------|--------------------------|-----------------|--------------|
| Interleukin-6 (IL-6) Interleukin-10 (IL-10) Interleukin-12 (IL-12) TNF- α | Mouse Serum | 19 - 1,237 pg/mL for IL-6 13 - 837 pg/mL for IL-10 55 - 3,562 pg/mL for IL-12 13 - 850 pg/mL for TNF- α | 0.10 mL | N.Ap. | -20 | Luminex (4Plex) | QPS-Delaware |
| Interleukin-6 (IL-6) Interleukin-10 (IL-10) Interleukin-12 (IL-12) TNF- α | Human PBMC Supernatants | 2.44 - 10,000 pg/mL | 0.05 mL | N.Ap. | -20 | Luminex (3Plex) | QPS-Delaware |
| Interleukin-6 (IL-6) Interleukin-12 (IL-12) IFN- γ | Human Serum | 10.547 - 1,350 pg/mL for IL-6 27.422 - 3,510 pg/mL for IL-12 2.656 - 340 pg/mL for IFN- γ | 0.05 mL | N.Ap. | -70 | Luminex (3Plex) | QPS-Taiwan |
| Interleukin-8 (IL-8) | Cell Supernatants | 31.25 - 1,000 pg/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-8 (IL-8) | Human Plasma | 31.25 - 1,000 pg/mL | 0.05 mL | EDTA | -20 | ELISA | QPS-Delaware |
| Interleukin-8 (IL-8) | Human Serum | 31.25 - 1,000 pg/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Interleukin-8 (IL-8) | Human Whole Blood Supernatant | 40 - 1,615 pg/mL | 0.2 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Interleukin-10 (IL-10) | Human Plasma | 9.4 - 942 pg/mL | 0.35 mL | Heparin | -20 | Immulite | QPS-Delaware |
| Interleukin-10 (IL-10) | Human Serum | 9.4 - 942 pg/mL | 0.35 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Interleukin-10 (IL-10) | Human Whole Blood Supernatant | 11.5 - 1,346 pg/mL | 0.2 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Interleukin-12 (IL-12) | Human Whole Blood Supernatant | 17.0 - 1,959 pg/mL | 0.2 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Interleukin-15 (IL-15) | Human Serum | 3.9 - 250 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| Iodoacetamide | Formulation | 0.250 - 500 μ M | 0.02 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| IP-10 | Human Serum | 10 - 500 pg/mL | 0.075 mL | N.Ap. | -70 | ELISA | QPS-DE |
| IP-10 | Human Serum | 10 - 500 pg/mL | 0.15 mL | N.Ap. | -70 | ELISA | QPS-Taiwan |
| Irbesartan | Human Plasma | 50 - 6,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Irbesartan | Human Plasma | 5 - 2500 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Irbesartan Hydrochlorothiazide | Human Plasma | 50 - 7,000 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Irinotecan (CPT11) SN-38 | Human Plasma | 2.00 - 2,000 ng/mL | 0.1 mL | Heparin | -70 | LC/MS/MS | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|------------------------------|------------------------------------|---------------|----------------|--------------------------|-------------------|--------------|
| Irinotecan SN-38 | Human Plasma | 2 - 4,000 ng/mL 2 - 4,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Iron (serum fraction) | Human Serum | 14.48 - 179 µmol/L | 0.3 mL | N.Ap. | -20 | Spectrophotometer | QPS-NL |
| Iron (total) | Human Serum | 2.00 - 1,000 ng/mL | 0.05 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Iron (total) | Human Serum | 2.00 - 5,000 ng/mL | 0.1 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Iron (total) | Human Serum Ultrafiltrate | 2.00 - 150 ng/mL | 0.1 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Itraconazole | Human Plasma | 1 - 500 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Itraconazole Hydroxyl-Itraconazole | Human Plasma | 1 - 500 ng/mL 2 - 1,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Ketoconazole | Human Plasma | 20 - 10,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Ketoprofen | Human Plasma | 50.0 - 15,000 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Ketorolac | Human Plasma | 20 - 4,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Kidney injury molecule 1 (KIM-1) | Human Urine | 0.156 - 10.0 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Kidney injury molecule 1 (KIM-1) | Human Urine | 50.0 - 2,000 pg/mL | 0.125 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| KRAS (35G>T, 35G>A, 34G>T, 34G>A, 38G>A) | Human Whole Blood | N/A | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Lamivudine (3TC) Zalcitabine (ddC) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Lamotrigine | Human Plasma | 1 - 600 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Lamotrigine | Human Plasma | 10.0 - 4,000 ng/mL | 1 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Lamotrigine | Human Plasma | 5 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Lamotrigine | Human Plasma | 20 - 3,500 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Lamotrigine | Human Plasma | 5 - 1,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Lansoprazole | Human Plasma | 10 - 2,250 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Lansoprazole | Human Plasma | 2 - 2,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Lapatinib | Human Plasma | 1 - 100 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Lactoferrin | Human Plasma | 1 - 40 ng/mL | 0.050 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Leptin | Human Serum | 15 - 1,000 pg/mL | 0.050 mL | N.Ap. | -20 | ELISA | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---------------------------|--|---------------|----------------|--------------------------|----------|--------------|
| Leptin | Human Plasma | 15 - 1,000 pg/mL | 0.05 mL | EDTA | -20 | ELISA | QPS-Delaware |
| Lercanidipine | Human Plasma | 0.02 - 6 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Letrozole | Human Plasma | 0.2 - 100 ng/mL | 0.25 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Levetiracetam | Human Plasma | 0.1 - 40 µg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Levocetirizine | Human Plasma | 2 - 600 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Levofloxacin | Human Plasma | 50 - 10,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Levonorgestrel | Human Plasma | 0.2 - 30 ng/ml | 0.4 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Levonorgestrel 17α-Ethinylestradiol | Human Serum and Plasma | 200 - 20,000 pg/mL 5.00 - 500 pg/mL | 0.2 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Lidocaine Bupivacaine Dexamethasone | Dog Plasma | 5 - 600 ng/mL 5 - 600 ng/mL 0.1 - 50 ng/mL | 0.15 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Lidocaine | Human Plasma | 0.2 - 200 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Lopinavir (LPV) Ritonavir (RTV) | Human Plasma | 100 - 10,000 ng/mL 10 - 6,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Lopinavir (LPV) Ritonavir (RTV) | Human Plasma | 0.1 - 20 µg/mL 0.025 - 5 µg/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Losartan Losartan Carboxy Acid | Human Plasma | 5 - 1,000 ng/mL 5 - 1,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Losartan | Human Plasma | 5 - 500 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Losartan Losartan Carboxy Acid | Human Plasma | 5 - 1,000 ng/mL 5 - 1,000 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| L-Selectin (sCD62L) | Human Plasma | 1 - 60 ng/mL | 0.02 mL | EDTA | -70 | ELISA | QPS-Delaware |
| LTB4 | Human Plasma Extract | 60 - 3,000 pg/mL | 0.1 mL | Heparin | -70 | ELISA | QPS-Delaware |
| Lurasidone | Human Plasma | 0.02 - 50 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Luteinizing Hormone (LH) | Human Serum | 0.1 - 200 mIU/mL | 0.15 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Luteinizing Hormone (LH) | Human Serum | 0.1 - 200 mIU/mL | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| MCP-1 | Human Serum | 20 - 2,000 pg/mL | 0.2 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| MCP-1 | Human Serum | 0.61 - 2,500 pg/mL | 0.05 mL | N.Ap. | -20 | ECL | QPS-NL |
| Megestrol acetate | Human Plasma | 5.00 - 500 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Megestrol acetate | Human Plasma | 10.0 - 500 ng/mL | 0.5 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Meloxicam | Human Plasma | 20 - 2,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|--------------|-----------------------------------|---------------|----------------|--------------------------|----------|--------------|
| Meloxicam | Human Plasma | 10 - 5,000 ng/mL | 0.05 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Melphalan | Human Plasma | 0.2 - 200 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Memantine | Human Plasma | 0.1 - 20 ng/mL | 0.3 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Memantine | Human Plasma | 0.2 - 100 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Metaxalone | Human Plasma | 25 - 6,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Metaxalone | Human Plasma | 25 - 12,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Metaxalone | Human Plasma | 25 - 6,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Metformin | Human Plasma | 50 - 6,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Metformin Glyburide | Human Plasma | 20 - 1,500 ng/mL 2 - 150 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Taiwan |
| Methadone | Human Plasma | 0.1 - 100 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Methadone | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Methadone R/S chiral | Human Plasma | 0.1 - 100 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Methamphetamine | Human Plasma | 0.05 - 50 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Methotrexate | Monkey Serum | 1 - 1,000 ng/mL | 0.05 mL | N.Ap. | -70 | LC/MS/MS | QPS-Delaware |
| Methotrexate 7-Hydroxy Methotrexate | Human Plasma | 1 - 500 ng/mL | 0.3 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Methylphenidate | Human Plasma | 0.1 - 15 ng/mL | 0.2 mL | Heparin | -70 | LC/MS/MS | QPS-Taiwan |
| Methylphenidate | Human Plasma | 0.1 - 50 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Methyl Diethyldithiocarbamate (Methyl-DDTC) | Human Plasma | 0.25 - 250 ng/mL | 0.4 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Methylprednisolone | Human Plasma | 4 - 800 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Metoclopramide | Human Plasma | 1 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Metoclopramide | Human Plasma | 0.1 - 100 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Metoprolol | Human Plasma | 0.2 - 80 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Metoprolol | Human Plasma | 2 - 500 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Midazolam 1-OH-Midazolam 4-OH-Midazolam | Human Plasma | 0.1 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Midazolam 1-OH-midazolam | Human Plasma | 0.100 - 100 ng/mL | 0.100 mL | Heparin | -20 | LC-MS/MS | QPS-NL |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------------|---|---------------|-----------------|--------------------------|----------------|--------------|
| Midazolam 1-OH-Midazolam | Human Whole Blood | 0.100 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Midazolam 1-OH-Midazolam | Human Dried Blood Spots | 0.100 - 100 ng/mL | 0.02 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Miglitol | Human Plasma | 30 - 3,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Mitiglinide | Human Plasma | 5 - 2,000 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Modafinil | Human Plasma | 20 - 20,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Montelukast | Human Plasma | 2 - 800 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Montelukast | Human Plasma | 2 - 400 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Morphine | Mouse Plasma | 0.2 - 500 ng/mL | 0.1 mL | EDTA Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Morphine Morphine 3-glucuronide Morphine 6-glucuronide | Human Plasma | 0.5 - 50 ng/mL 10 - 1,000 ng/mL 1 - 100 mg/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Moxifloxacin | Human Plasma | 25 - 5,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| MT-RNR1 [1555A>G] and MT-TS1 [3243A>G] Mitochondrial DNA Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Mycophenolate Mofetil Mycophenolic Acid | Human Plasma | 50 - 10,000 pg/mL 100 - 20,000 ng/mL | 0.25 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| Mycophenolic Acid | Human Plasma | 20 - 5,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Mycophenolic acid | Human plasma | 20.0 - 5,000 ng/mL | 0.100 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Myeloperoxidase (MPO) | Human Serum | 110 - 3,300 µg/mL | 0.025 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Myoglobin | Human Plasma | 10.4 - 1,037 ng/mL | 0.11 mL | Heparin | -20 | Immulite | QPS-Delaware |
| Myoglobin | Human Serum | 10.4 - 1,037 ng/mL | 0.11 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| N-acetyl-β-D-glucosaminidase (NAG) | Human Urine | 6 - 360 U/L | 0.010 mL | N.Ap. | -70 | Colorimetric | QPS-Delaware |
| N-Acetyltransferase 1, NAT1 (*10, *14B) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|--------------------|-------------------------------------|---------------|----------------|--------------------------|----------------|--------------|
| <i>N</i> -Acetyltransferase 2, NAT2 (*5A, *6A, *7A, *14A) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Naloxone | Human Plasma | 20.0 - 2000 pg/mL | 0.250 mL | EDTA | -70 | LC-MS/MS | QPS-NL |
| Naloxone | Human Plasma | 5 - 500 pg/mL | 0.35 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Naloxone (total) | Human Plasma | 50 - 50,000 pg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Nandrolone | Human Serum | 0.0500 - 10.0 ng/mL | 0.5 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Naproxen | Human Plasma | 1 - 60 µg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Naproxen | Human Plasma | 2.5 - 150 µg/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Naproxen Esomeprazole | Human Plasma | 0.5 - 125 µg/mL 10 - 3,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Naproxen | Human Plasma | 0.1 - 200 µg/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Naratriptan | Human Plasma | 100 - 15,000 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Naratriptan | Human Plasma | 50 - 25,000 pg/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Nateglinide | Human Plasma | 100 - 15,000 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Neopterin | Human Serum | 2 - 250 nmol/L | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Neutrophil Elastase (ELA2) | Human Plasma | 1 - 25 ng/mL | 0.025 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Neuron Specific Enolase | Human Serum | 10 - 200 ng/mL | 0.022 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Nifedipine | Human Plasma | 1 - 400 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Nifedipine | Human Plasma | 1 - 400 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Nelfinavir (NFV) Amprenavir (APV) Indinavir (IDV) Saquinavir (SQV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Nevirapine (NVP) Delavirdine (DLV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Nicorandil | Human Plasma | 0.5 - 100 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Nimesulide | Human Plasma | 100 - 10,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Nitrofurantoin | Human Plasma | 5 - 1,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Norepinephrine (Noradrenaline) | Pig Plasma | 10 - 1,500 pg/mL | 0.2 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Norepinephrine (Noradrenaline) | Pig Kidney Lysates | 10 - 1,500 pg/mL | 0.2 mL | EDTA | -70 | ELISA | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|-------------------------------|---|---------------|-----------------|--------------------------|----------|--------------|
| Norgestimate Norgestrel | Human Plasma | 50 - 50,000 pg/mL 20 - 20,000 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| NPC APC | Human Plasma | 1.00 - 100 ng/mL | 0.125 mL | Heparin | -70 | HPLC-FLU | QPS-NL |
| NTx | Monkey Serum | - 40 nM Bone Collagen Equivalent | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Olanzapine | Human Plasma | 0.1 - 100 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Olanzapine | Human Plasma | 0.500 - 100 ng/mL | 0.1 mL | EDTA Heparin | -20 | LC/MS/MS | QPS-NL |
| Omeprazole | Human Plasma | 5 - 5,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Omeprazole | Human Plasma | 20 - 2,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Omeprazole 5-Hydroxy Omeprazole | Human Plasma | 10.0 - 500 ng/mL | 0.5 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Ondansetron | Human Plasma | 0.5 - 500 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Ospemifene | Human Serum | 1 - 750 ng/mL | 0.2 mL | N.Ap. | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Ospemifene 4-OH-Ospemifene 4'-OH-Ospemifene | Human Serum | 1 - 750 ng/mL 2 - 1,500 ng/mL 2 - 1,500 ng/mL | 0.2 mL | N.Ap. | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Osteocalcin | Human Serum | 1.0 - 75 ng/mL | 0.05 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Osteocalcin | Monkey Serum | 0 - 32 ng/mL | 0.025 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Oxaliplatin | Human Plasma | 1.00 - 1,000 ngPt/mL | 0.05 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |
| Oxaliplatin | Human Plasma Ultrafiltrate | 3.00 - 1,000 ngPt/mL | 0.2 mL | EDTA Heparin | -20 & -70 | ICP-MS | QPS-NL |
| Oxaliplatin Cisplatin Carboplatin | Human Plasma Ultrafiltrate | 1.00 - 250 ngPt/mL | 0.5 mL | Citrate | -20 | ICP-MS | QPS-NL |
| Oxcarbazepine | Human Plasma | 2 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Oxcarbazepine 11-Dihydro-10-Hydroxy Carbamazepine | Human Plasma | 0.1 - 12 µg/mL 0.1 - 12 µg/mL | 0.1 mL | EDTA | -30 | LC/MS/MS | QPS-India |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---------------|---|------------------|-----------------|--------------------------|----------|--------------|
| Oxycodone Noroxycodone Oxymorphone | Dog Plasma | 1 - 500 ng/mL | 0.2 mL | EDTA Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Oxycodone Noroxycodone Oxymorphone | Human Plasma | 0.2 - 100 ng/mL 0.2 - 100 ng/mL 2 - 100 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Oxycodone Noroxycodone Oxymorphone | Rat Plasma | 1 - 500 ng/mL | 0.05 mL | EDTA Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Oxymorphone | Dog Plasma | 1 - 500 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Oxymorphone | Mouse Plasma | 0.2 - 250 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Oxymorphone | Rabbit Plasma | 1 - 500 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Oxymorphone | Rat Plasma | 1 - 500 ng/mL 0.2 - 250 ng/mL | 0.2 mL 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Oxymorphone 6-Hydroxyoxymorphone | Human Plasma | 10 - 3,000 pg/mL | 0.4 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Paclitaxel (Taxol) Docetaxel | Human Plasma | 5 - 2,000 ng/mL 2 - 1,000 ng/mL | 0.2 mL | Heparin | -70 | LC/MS/MS | QPS-Taiwan |
| Paclitaxel (Taxol) Docetaxel | Human Serum | 2 - 2,000 ng/mL | 0.1 mL | N.Ap. | -20 | LC/MS/MS | QPS-Delaware |
| Paclitaxel (Taxol) Docetaxel | Human Plasma | 2 - 1,000 ng/mL | 0.1 mL | Heparin | -70 | LC/MS/MS | QPS-Delaware |
| Paclitaxel 6-hydroxy paclitaxel | Human Plasma | 1.00 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-NL |
| Paclitaxel 3p-hydroxypaclitaxel (semi quantitative) 6α-hydroxypaclitaxel (semi quantitative) 3p,6α-dihydroxypaclitaxel (semi quantitative) | Human plasma | 40.0 - 10,000 ng/mL | 0.5 mL | Heparin | -70 | HPLC-UV | QPS-NL |
| Paliperidone | Human Plasma | 0.1 - 100 ng/mL | 0.03 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|----------------------|---------------------|---------------|----------------|--------------------------|----------------|--------------|
| Paliperidone | Human Plasma | 0.2 - 40 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Pamoic acid | Dog Plasma | 1.00 - 100 ng/mL | 0.05 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Pancreatic Polypeptide | Human Plasma | 20 - 400 pg/mL | 0.05 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Pantoprazole | Human Plasma | 5 - 5,040 ng/mL | 0.2 mL | K2 & EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Pantoprazole | Human Plasma | 20.0 - 3,000 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Paraxanthine | Human Plasma | 50.0 - 2,500 ng/mL | 0.1 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Caffeine | Human Plasma | 50.0 - 2,500 ng/mL | 0.1 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Paroxetine | Human Plasma | 0.2 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Paroxetine | Human Plasma | 0.100 - 50.0 ng/mL | 0.25 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Paroxetine | Human Plasma | 0.5 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Pentoxifylline | Human Plasma | 2.5 - 1,000 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Perindopril | Human Plasma | 0.5 - 100 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Perindoprilat | Human Plasma | 0.1 - 20 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Perindoprilat | Human Plasma | 0.1 - 20 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Perindropil | Human Plasma | 1.00 - 200 ng/mL | 0.05 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Perindropilat | Human Plasma | 0.400 - 40.0 ng/mL | 0.05 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Perphenazine | Human Plasma | 0.02 - 2 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| PGE2 | Human Plasma Extract | 60 - 3,000 pg/mL | 0.1 mL | Heparin | -70 | ELISA | QPS-Delaware |
| Phenobarbital | Human Plasma | 5 - 5,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| PICP | Monkey Serum | 1 - 80 ng/mL | 0.025 mL | N.Ap. | -70 | EIA | QPS-Delaware |
| PIGF | Human Plasma | 32 - 200 pg/mL | 0.1 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PIGF | Human Serum | 1.00 - 30.0 pg/mL | 0.4 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Pitavastatin | Human Plasma | 0.5 - 100 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| PIK3CA (1634A>G, 1636C>A, 1633G>A, 1624G>A, 3129G>T, 3139C>T, 3140A>T, 3140A>G) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Posaconazole | Human Plasma | 0.5 - 500 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Pramipexole | Human Plasma | 20 - 4,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Pramipexole | Human Plasma | 5 - 500 pg/mL | 0.4 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Pramipexole | Human Plasma | 20.0 - 20,000 pg/mL | 0.200 mL | EDTA | -20 & -70 | LC-MS/MS | QPS-NL |
| Pravastatin | Human Plasma | 1 - 300 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|------------------------------|---------------|--------------------|---------------|----------------|--------------------------|----------|--------------|
| Pravastatin | Human Plasma | 0.25 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Prednisolone (free fraction) | Human Serum | 1.00 - 500 ng/mL | 0.2 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Cortisol (free fraction) | | 5.00 - 500 ng/mL | | | | | |
| Prednisolone | Human Serum | 2.50 - 500 ng/mL | 0.05 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Cortisol | | 5.00 - 500 ng/mL | | | | | |
| Prednison | Human Plasma | 0.3 - 30 ng/mL | 0.2 mL | Heparin | -70 | LC/MS/MS | QPS-Taiwan |
| Pregabilin | Human Plasma | 5 - 3,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Pregabilin | Human Plasma | 50 - 15,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Procaterol | Human Plasma | 5 - 500 pg/mL | 0.5 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Prochlorperazine | Human Plasma | 10 - 2,040 pg/mL | 0.5 mL | EDTA | -70 | LC/MS/MS | QPS-India |
| Progesterone | Dog Plasma | 0.3 - 40 ng/mL | 0.6 mL | EDTA | -20 | ELISA | QPS-NL |
| Progesterone | Human Serum | 0.300 - 40.0 ng/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Progesterone | Human Serum | 0.2 - 40 ng/mL | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| Progesterone | Rabbit Plasma | 0.3 - 40 ng/mL | 0.4 mL | EDTA | -20 | ELISA | QPS-NL |
| Proinsulin | Human Serum | 3 - 120 pmol/L | 0.1 mL | N.Ap. | -20 | ELISA | QPS-NL |
| Prolactin | Human Serum | 0.5 - 150 ng/mL | 0.35 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Prolactin | Human Serum | 0.16 - 150 ng/mL | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| Propafenone | Human Plasma | 0.4 - 200 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| 5-Hydroxyl Propafenone | | 0.2 - 100 ng/mL | | | | | |
| Propoxyphene | Human Plasma | 1 - 400 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Acetaminophen | | 50 - 2,000 ng/mL | | | | | |
| Propranolol | Human Plasma | 2 - 500 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| 4-Hydroxy Propranolol | | | | | | | |
| Protriptyline | Human Plasma | 0.05 - 10 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Primidone | Human Plasma | 20 - 2,000 ng/mL | 0.5 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| PSA | Human Serum | 0.43 - 172 ng/mL | 0.11 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| P-Selectin | Human Plasma | 0.8 - 46 ng/mL | 0.02 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Pseudoephedrine | Human Plasma | 5 - 750 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC-MS/MS | QPS-India |
| Pseudoephedrine | Human Plasma | 25.0 - 1,000 ng/mL | 0.5 mL | Heparin | -20 | HPLC-UV | QPS-NL |
| Pseudoephedrine | Human Plasma | 2 - 2,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|------------------------------|-------------------------------------|---------------------------|---------------|----------------|--------------------------|--------------|---------------------|
| PTH, intact | Rabbit Plasma | 49 - 1,050 pg/mL | 0.05 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PTH, intact | Rat Plasma | 49 - 1,050 pg/mL | 0.075 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PTH (1-34) | Human Plasma | 15 - 300 pg/mL | 0.12 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PTH (1-34) | Rabbit Plasma | 49 - 1,050 pg/mL | 0.05 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PTH (1-34) | Rat Plasma | 49 - 1,050 pg/mL | 0.05 mL | EDTA | -70 | ELISA | QPS-Delaware |
| PTH (1-34) | Monkey Plasma | 49 - 1,050 pg/mL | 0.05 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Quetiapine | Human Plasma | 0.5 - 1,000 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Quetiapine | Human Plasma | 2.00 - 1,000 ng/mL | 0.1 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Quetiapine | Human Plasma | 2 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC-MS/MS | QPS-India |
| Quinidine | Human Plasma | 20 - 20,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Quinine | Human Plasma | 10 - 10,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Rabeprazole | Human Plasma | 1 - 250 ng/mL | 0.025 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Rabeprazole | Human Plasma | 5 - 1,250 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Raltegravir | Human Plasma | 1 - 1,500 ng/mL | 0.05 mL | K2 EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Ramipril | Human Plasma | 0.2 - 40 ng/mL | 0.25 mL | EDTA | -30 | LC/MS/MS | QPS-India |
| Ramipril Ramiprilat | Human Plasma | 0.2 - 200 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Ramipril Ramiprilat | Human Plasma | 0.4 - 60 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Ranitidine | Human Plasma | 2.5 - 1,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| RANTES | Human Plasma (Platelet Poor) | 30 - 2,000 pg/mL | 0.2 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Rasagiline | Human Plasma | 20 - 15,000 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| R-Citalopram S-Citalopram | Human Plasma | 0.500 - 250 ng/mL | 0.5 mL | EDTA | -20 | LC-MS/MS | QPS-NL |
| Renin | Human Plasma | 10.0 - 1,000 pg/mL | 0.2 mL | EDTA | -20 | IRMA | QPS-NL |
| Repaglinide | Human Plasma | 0.25 - 100 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Rhein | Human Plasma | 50 - 7,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Ribavirin | Human Plasma | 10 - 10,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| R-Ibuprofen S-Ibuprofen | Human Plasma | 0.250 - 100 µg/mL | 0.04 mL | Heparin | -20 | LC-MS/MS | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---------------------------------------|--------------|--|---------------|----------------|--------------------------|------------|--------------|
| Rifabutin 25-O -Deacetyl Rifabutin | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Rifampin | Human Plasma | 20 - 10,000 pg/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Rifampin | Human Blood | 20 - 10,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Rifampin | Human Blood | 1 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Rilpivirine | Human Plasma | 1 - 500 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Risedronate | Human Urine | 0.200 - 200 ng/mL | 0.1 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Risperidone | Human Plasma | 0.5 - 50 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Risperidone | Human Plasma | 0.25 - 25 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Risperidone 9-Hydroxyrisperidone | Human Plasma | 0.200 - 50.0 ng/mL | 0.05 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Ritonavir (RTV) Lopinavir (LPV) | Human Plasma | 10 - 6,000 ng/mL 100 - 10,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Ritonavir (RTV) Saquinavir (SQV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Rituximab (PK) | Human Serum | 100 - 5,000 ng/mL | 0.01 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Rituximab (PK) | Human Serum | 90 - 60,000 ng/mL | 0.01 mL | N.Ap. | -70 | Gyrolab | QPS-Delaware |
| Rituximab (ADA) | Human Serum | N.Ap. | 0.01 mL | N.Ap. | -70 | MSD | QPS-Delaware |
| Rituximab (Nab) | Human Serum | N.Ap. | 0.02 mL | N.Ap. | -70 | Cell-Based | QPS-Delaware |
| Rituximab (PK) | Human Serum | 90 - 2,000 ng/mL | 0.01 mL | N.Ap. | -70 | ELISA | QPS-Taiwan |
| Rituximab (ADA) | Human Serum | N.Ap. | 0.016 mL | N.Ap. | -70 | ELISA | QPS-Taiwan |
| Rituximab (PK) | Human Serum | 100 - 5,000 ng/mL | 0.01 mL | N.Ap. | -70 | ECL | QPS-Taiwan |
| Rituximab (ADA) | Human Serum | N.Ap. | 0.03 mL | N.Ap. | -70 | ECL | QPS-Taiwan |
| Rivastigmine | Human Plasma | 0.2 - 60.0 ng/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Rivastigmine | Human Plasma | 50 - 25,000 pg/mL | 0.075 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| R-Metoprolol S-Metoprolol | Human Plasma | 10.0 - 400 ng/mL | 0.5 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Ropinirole | Human Plasma | 20 - 10,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Ropinirole | Human Plasma | 25 - 1,000 pg/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Rosiglitazone | Human Plasma | 2 - 1,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Rosiglitazone | Human Plasma | 3 - 600 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Rosuvastatin | Human Plasma | 0.05 - 50 ng/mL | 0.3 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---------------|------------------------------------|---------------|----------------|--------------------------|----------|--------------|
| Rosuvastatin | Human Plasma | 0.1 - 20 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| R-Warfarin S-Warfarin | Human Plasma | 10.0 - 2,500 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-NL |
| S-100B | Human Serum | 50 - 2,000 pg/mL | 0.06 mL | N/A | -70 | ELISA | QPS-Delaware |
| Salbutamol | Human Plasma | 0.500 - 100 ng/mL | 0.5 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Salicylic Acid | Human Plasma | 200 - 14,000 ng/mL | 0.1 mL | Heparin | -20 & -70 | LC/MS/MS | QPS-India |
| Saquinavir (SQV) Amprenavir (APV) Indinavir (IDV) Nelfinavir (NFV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Saquinavir (SQV) Ritonavir (RTV) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Sertraline | Human Plasma | 0.2 - 200 ng/mL | 0.3 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Sertraline | Human Plasma | 0.2 - 20 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Sertraline | Human Plasma | 0.2 - 200 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| sFlt-1 | Human Plasma | 5 - 200 ng/mL | 0.075 mL | EDTA | -70 | ELISA | QPS-Delaware |
| sFlt-1 | Monkey Plasma | 6 - 400 ng/mL | 0.075 mL | EDTA | -70 | ELISA | QPS-Delaware |
| SHBG | Human Serum | 4 - 199.3 nmol/L | 0.11 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| SHBG | Human Serum | 2 - 180 nmol/L | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| Sildenafil N-Desmethyl Sildenafil | Human Plasma | 5 - 1,500 ng/mL 5 - 700 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Sildenafil N-Desmethyl Sildenafil | Human Plasma | 1 - 1,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Silver | Formulation | 10.0 - 1,000 ng/mL | 125 µL | N.Ap. | 2 - 8 | ICP-MS | QPS-NL |
| Silver | Solid Samples | 10.0 - 1,000 ng/mL | 250 mg | N.Ap. | 2 - 8 | ICP-MS | QPS-NL |
| Simvastatin Simvastatin Acid | Human Plasma | 0.05 - 10 ng/mL 0.02 - 4 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Taiwan |
| Simvastatin Simvastatin Hydroxy Acid | Human Plasma | 0.250 - 75 ng/mL 0.2 - 50 ng/mL | 0.25 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Simvastatin Simvastatin Hydroxy Acid | Human Plasma | 0.250 - 125 ng/mL | 0.1 mL | EDTA | -20 | LC-MS/MS | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---|------------------------------------|---------------|----------------|--------------------------|-----------|--------------|
| Simvastatin Simvastatin Hydroxy Acid | Human Plasma | 0.05 - 25 ng/mL 0.02 - 10 ng/mL | 0.3 mL | EDTA | -70 | LC-MS/MS | QPS-Delaware |
| Sirolimus | Human Whole Blood | 05 - 60 ng/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Sirolimus | Human Whole Blood | 0.2 - 100 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Sirolimus Temsirolimus | Human Whole Blood | 0.1 - 50 ng/mL 0.25 - 125 ng/mL | 0.2 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| SLCO1B1 (*1B, *5) | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| SN-38 Irinotecan (CPT11) | Human Plasma | 2.00 - 2,000 ng/mL | 0.1 mL | Heparin | -70 | LC-MS/MS | QPS-NL |
| Sorafenib | Human Plasma | 10.0 - 10,000 ng/mL | 0.05 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Sotalol | Human Plasma | 90.0 - 5,000 ng/mL | 0.5 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Src | Human-Plasma Cell Lysate (Platelet-Rich) | 1.6 - 100 ng/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Src, Phosphorylated | Human-Plasma Cell Lysate (Platelet-Rich) | 1.6 - 100 ng/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Phosphorylated STAT3 (pSTAT3) | Human Lysed Whole Blood | relative signal | 0.15 mL | EDTA | -70 | ECL (MSD) | QPS-Delaware |
| Phosphorylated STAT5 (pSTAT5)/Total S | Human Lysed Whole Blood | relative signal | 0.15 mL | EDTA | -70 | ECL (MSD) | QPS-Delaware |
| Stavudine (d4T) Didanosine (ddI) Zidovudine (AZT) | Human Plasma | 5 - 3,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Sulbactam | Human Serum | 150 - 30,000 ng/mL | 0.1 mL | N.Ap. | -20 | LC/MS/MS | QPS-Taiwan |
| Sumatriptan | Human Plasma | 100 - 10,000 pg/mL | 0.5 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Sumatriptan | Human Plasma | 0.2 - 100 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Sumatriptan | Human Plasma | 0.2 - 200 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Survivin | Serum | 31.2 - 2,000 pg/mL | 0.2 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| T3, Free | Human Serum | 1.0 - 40 pg/mL | 0.35 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| T3, Total | Human Serum | 40 - 600 ng/dL | 0.125 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| T4, Free | Human Serum | 0.3 - 6 ng/dL | 0.11 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| T4, Total | Human Serum | 1.0 - 24 µg/dL | 0.115 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Tacrolimus | Human Whole Blood | 0.2 - 100 ng/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|---------------|---|---------------|-----------------|--------------------------|-----------------|--------------|
| Tadalafil | Human Plasma | 1 - 500 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Tamsulosin | Human Plasma | 0.1 - 80 ng/mL | 0.15 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Tamsulosin | Human Plasma | 0.1 - 100 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Tapentadol | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Tau | Human CSF | 30 - 8,000 pg/mL | 0.050 mL | N.Ap. | -70 | ECL (MSD) | QPS-Delaware |
| pTau Aβ 42 tTau | Human CSF | 7 - 264 pg/mL for pTau 28.5 - 1,721 pg/mL for Aβ 42 12 - 1,348 pg/mL for tTau | 0.05 mL | N.Ap. | -70 | Luminex (3Plex) | QPS-Delaware |
| TBG | Human Serum | 3.5 - 80 µg/mL | 0.12 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Technetium | Human Plasma | 1.00 - 200 ng/mL | 0.1 mL | EDTA | -20 | ICP-MS | QPS-NL |
| Technetium | Rat Plasma | 3.00 - 200 ng/mL | 0.1 mL | EDTA | -20 | ICP-MS | QPS-NL |
| Technetium | Monkey Plasma | 3.00 - 200 ng/mL | 0.1 mL | EDTA | -20 | ICP-MS | QPS-NL |
| Telmisartan | Human Plasma | 3 - 600 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Taiwan |
| Temozolomide | Human Plasma | 100 - 20,000 ng/mL | 0.04 mL | Heparin | -70 | LC/MS/MS | QPS-Delaware |
| Temozolomide | Human Plasma | 100 - 20,000 ng/mL | 0.05 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Temozolomide | Human Plasma | 0.0200 - 20.0 µg/mL | 0.05 mL | Heparin | -70 | LC-MS/MS | QPS-NL |
| Testosterone | Human Serum | 0.500 - 50.0 ng/mL | 0.25 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Testosterone (bioavailable) | Human Serum | 0.100 - 25.0 ng/mL | 0.25 mL | N.Ap. | -20 | LC-MS/MS | QPS-NL |
| Testosterone | Human Plasma | 0.1 - 200 ng/mL | 0.1 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Testosterone | Human Serum | 20 - 1,600 ng/dL | 0.5 mL | N.Ap. | -20 | Immulite | QPS-NL |
| Testosterone | Human Serum | 20 - 1,600 ng/dL | 0.12 mL | N.Ap. | -20 | Immulite | QPS-Delaware |
| Testosterone | Dog Plasma | 0.2 - 16 ng/mL | 0.6 mL | EDTA | -20 | ELISA | QPS-NL |
| Tetrabenazine a-dihydrotetrabenazine b-dihydrotetrabenazine | Human plasma | 0.1 - 50 ng/mL 0.5 - 250 ng/mL 0.5 - 250 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| TFF-3 | Human Plasma | 6 - 800 pg/mL | 0.2 mL | EDTA Heparin | -20 | ELISA | QPS-Delaware |
| Theophylline | Human Plasma | 0.100 - 20.0 µg/mL | 0.2 mL | EDTA | -20 | HPLC-UV | QPS-NL |
| Theophylline | Human Urine | 0.100 - 50.0 µg/mL | 0.2 mL | N.Ap. | -20 | HPLC-UV | QPS-NL |
| Thrombin-Anti-Thrombin (TAT) | Human Plasma | 0.1 - 5 ng/mL | 0.20 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Tinidazole | Human Plasma | 0.1 - 100 µg/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Tipranavir | Human Plasma | 0.5 - 112.5 µg/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--------------------------------|-------------------------------|------------------------------------|---------------|----------------------------|--------------------------|--------------|--------------|
| Tissue Factor (TF) | Human Plasma | 8 - 500 pg/mL | 0.02 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Tizanidine | Human Plasma | 1 - 500 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| TNFR1 (soluble) | Human Serum | 80 - 1,500 pg/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TNFR2 (soluble) | Human Serum | 40 - 1,000 pg/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TNF- α | Cell Culture Media | 16 - 1,000 pg/mL | 0.2 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TNF- α | Human Plasma | 16 - 1,000 pg/mL | 0.2 mL | Citrate EDTA Heparin | -20 | ELISA | QPS-Delaware |
| TNF- α | Human Serum | 16 - 1,000 pg/mL | 0.2 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TNF- α | Human Serum | 20 - 4,000 pg/mL | 0.06 mL | N.Ap. | -20 | Luminex | QPS-Delaware |
| TNF- α High Sensitivity | Human Plasma | 0.7 - 40,000 pg/mL | 0.05 mL | Citrate | -20 | ECL (MSD) | QPS-Delaware |
| TNF- α High Sensitivity | Human Serum | 0.5 - 32 pg/mL | 0.2 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TNF- α | Human Whole Blood Supernatant | 6.2 - 459 pg/mL | 0.4 mL | N.Ap. | -70 | ELISA | QPS-NL |
| Tolterodine | Human Plasma | 40 - 5,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| 5-Hydroxy Methyl Tolterodine | | 40 - 5,000 pg/mL | | | | | |
| Topiramate | Human Plasma | 20 - 5,000 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Tramadol | Human Plasma | 2 - 400 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Trastuzumab | Human Serum | 2.00 - 256 ng/mL | 0.01 mL | N.Ap. | -20 & -70 | ELISA | QPS-NL |
| Trastuzumab - Total (PK) | Human Serum | 500 - 100,000 ng/mL | 0.01 mL | N.Ap. | -70 | ELISA | QPS-Delaware |
| Triazolam | Human Plasma | 50 - 50,000 pg/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Trientine MAT | Human Plasma | 3 - 3,000 ng/mL 3 - 3,000 ng/mL | 0.05 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Triptorelin | Human Serum | 100 - 5,000 pg/mL | 0.02 mL | N.Ap. | -70 | RIA | QPS-NL |
| Triptorelin | Human Serum | 150 - 8,000 pg/mL | 0.1 mL | N.Ap. | -20 | RIA | QPS-NL |
| Troponin I | Human Plasma | 3 - 236 ng/mL | 0.15 mL | EDTA Heparin | -20 | Immulite | QPS-Delaware |
| Troponin I | Human Serum | 3 - 236 ng/mL | 0.15 mL | EDTA Heparin | -20 | Immulite | QPS-Delaware |
| Triglycerides | Human Serum | 0.101 - 2.82 mmol/L | 0.02 mL | N.Ap. | -20 | Enzyme assay | QPS-NL |
| Trospium | Human Plasma | 50 - 10,000 pg/mL | 0.3 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|--|----------------------|--------------------------------------|---------------|-----------------|--------------------------|----------------|--------------|
| TSH | Human Plasma | 0.0004 - 75 µIU/mL | 0.175 mL | Heparin | -20 | Immulite | QPS-Delaware |
| TSH | Human Serum | 0.0004 - 75 µIU/mL | 0.175 mL | Heparin | -20 | Immulite | QPS-Delaware |
| TXB2 | Human Serum | 30 - 5,000 pg/mL | 0.01 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| TXB2 | Human Plasma Extract | 60 - 3,000 pg/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| TXB2, 11-Dehydro | Human Urine | 35 - 1,200 pg/mL | 0.05 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| UDP-glucuronosyltransferase, UGT1A1 (*1, *6, *7, *27, *28, *36, *37, *60, *62) Genotyping | Human Whole Blood | N.Ap. | 0.2 mL | N.Ap. | -80 | Pyrosequencing | QPS-Delaware |
| Valproic acid | Human Plasma | 0.5 - 40 µg/mL | 0.5 mL | EDTA | -70 | LC/MS/MS | QPS-India |
| Valproic acid | Human Plasma | 0.5 - 75 µg/mL | 0.05 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Valproic acid | Human Plasma | 0.500 - 100 µg/mL | 0.05 mL | Heparin | -20 | LC-MS/MS | QPS-NL |
| Valsartan Hydrochlorothiazide | Human Plasma | 20 - 5,000 ng/mL 1 - 200 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| VCAM-1 | Human Plasma | 6 - 200 ng/mL | 0.020 mL | EDTA | -70 | ELISA | QPS-Delaware |
| VEGF | Rat Plasma | 32 - 2,000 pg/mL | 0.1 mL | EDTA | -70 | ELISA | QPS-Delaware |
| VEGF | Monkey Plasma | 32 - 2,000 pg/mL | 0.1 mL | EDTA Heparin | -70 | ELISA | QPS-Delaware |
| VEGF | Human Plasma | 20 - 1,000 pg/mL | 0.1 mL | Heparin | -20 | ELISA | QPS-Delaware |
| VEGF | Human Serum | 20 - 1,000 pg/mL | 0.1 mL | N.Ap. | -20 | ELISA | QPS-Delaware |
| VEGF | Human Serum | 62.5 - 4,000 pg/mL | 0.1 mL | N.Ap. | -70 | ELISA | QPS-NL |
| VEGF-D | Human Plasma | 125 - 4,000 pg/mL | 0.125 mL | EDTA | -70 | ELISA | QPS-Delaware |
| Venlafaxine | Human Plasma | 1 - 100 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Venlafaxine O-Desmethylvenlafaxine | Human Plasma | 5.00 - 500 ng/mL | 1 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Venlafaxine O-Desmethyl Venlafaxine | Human Plasma | 1 - 400 ng/mL 2 - 500 ng/mL | 0.2 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-India |
| Verapamil Norverapamil | Human Plasma | 1.00 - 250 ng/mL | 1.0 mL | Heparin | -20 | HPLC-FLU | QPS-NL |
| Vinflunine (VFL) 4-O-deacetylvinflunine (DVFL) | Human Whole Blood | 2.00 - 200 ng/mL 25.0 - 500 ng/mL | 1 mL | N.Ap. | -70 | HPLC-UV | QPS-NL |
| Vitamin D, 1,25-Dihydroxy | Human Serum | 30 - 400 pmol/L | 0.18 mL | N.Ap. | -20 | EIA | QPS-Delaware |

QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|---|-------------------|--|-----------------------------------|----------------|--------------------------|----------|--------------|
| Vitamin D, 1,25-Dihydroxy | Monkey Plasma | 6.5 - 491 pmol/L | 0.18 mL | N.Ap. | -20 | EIA | QPS-Delaware |
| Vitamin D, 1,25-Dihydroxy | Monkey Serum | 6.5 - 491 pmol/L | 0.18 mL | N.Ap. | -20 | EIA | QPS-Delaware |
| VKORC1 (-1639G>A) Genotyping | Human Whole Blood | N/A | 0.2 mL | N.Ap. | -80 | TaqMan | QPS-Delaware |
| Von Willebrand Factor | Human Plasma | 6 - 200% relative activity | 0.18 mL | Citrate | -20 | ELISA | QPS-Delaware |
| Voriconazole Voriconazole <i>N</i> -Oxide | Human Plasma | 20 - 20,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Warfarin | Human Plasma | 1 - 1,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Warfarin, (R)-(+)- Warfarin, (S)-(-)- | Human Plasma | 5 - 2,000 ng/mL | 0.1 mL | EDTA | -20 & -70 | LC/MS/MS | QPS-Delaware |
| Yttrium | Rat Plasma | 10.0 - 2,000 ng/mL | 0.1 mL | EDTA | -20 | ICP-MS | QPS-NL |
| Yttrium | Formulation | 100 - 1,000 ng/mL | 0.1 mL | N.Ap. | -20 | ICP-MS | QPS-NL |
| Zalcitabine (ddC) Lamivudine (3TC) | Human Plasma | 1 - 1,000 ng/mL | 0.05 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Zaleplon | Human Plasma | 0.3 - 50 ng/mL | 0.5 mL | EDTA | -20 | LC/MS/MS | QPS-Delaware |
| Zaleplon | Human Plasma | 0.2 - 80 ng/mL | 0.2 mL | Heparin | -20 | LC/MS/MS | QPS-Taiwan |
| Zidovudine (AZT) Didanosine (ddI) Stavudine (d4T) | Human Plasma | 5 - 3,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Zidovudine (AZT) Lamivudine (3TC) Stavudine (D4T) | Human Plasma | 2 - 2,000 ng/mL | 0.1 mL | EDTA | -70 | LC/MS/MS | QPS-Delaware |
| Zinc (total) Aluminium | Formulation | 40.0-2560 ng/mL for Zinc (+ KCl) 1.00-128 ng/mL for Zinc (- KCl) 40.0-5120 ng/mL for Aluminium (+ KCl) 1.00-128 ng/mL for Aluminium (- KCl) | 2 mL (non acid) 0.02 mL (acid) | N.Ap. | 2-8 | ICP-MS | QPS-NL |
| Ziprasidone | Human Plasma | 0.25 - 250 ng/mL | 0.1 mL | Heparin | -20 | LC/MS/MS | QPS-Delaware |
| Zolpidem | Human Plasma | 0.5 - 300 ng/mL | 0.2 mL | EDTA | -70 | LC/MS/MS | QPS-India |
| Zolpidem | Human Plasma | 1.00 - 500 ng/mL | 0.25 mL | EDTA | -20 | HPLC-FLU | QPS-NL |



QPS ALPHABETIC ASSAY LIST

| Compound(s) | Matrix | Assay Range | Sample Volume | Anti-Coagulant | Storage Temperature (°C) | Platform | Site |
|-------------|-------------|------------------|---------------|----------------|--------------------------|----------|--------------|
| Zonisamide | Human Serum | 50 - 2,500 ng/mL | 0.1 mL | N.Ap. | -20 | LC/MS/MS | QPS-Delaware |