



## 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 $\alpha$ -Ethinylestradiol	Human Serum	5.00 - 500 pg/mL	0.2 mL	N.Ap.	-20	LC/MS/MS	QPS-NL
17 $\alpha$ -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 $\mu$ 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 $\mu$ 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 $\beta$ -40 (Abeta-40)	Human Plasma	5 - 10,000 pg/mL	0.05 mL	EDTA	-70	ECL (MSD)	QPS-Delaware
A $\beta$ -40 (Abeta-40)	Human CSF	16 - 10,000 pg/mL	0.05 mL	N.Ap.	-70	ECL (MSD)	QPS-Delaware
A $\beta$ 1-42 (Abeta 1-42)	Human CSF	3 - 2,000 pg/mL	0.025 mL	N.Ap.	-70	ECL (MSD)	QPS-Delaware
Abeta (A $\beta$ ) Total	Human Plasma	100 - 8,000 pg/mL	0.025 mL	EDTA	-70	ECL (MSD)	QPS-Delaware
Abeta (A $\beta$ ) Total	Human CSF	200 - 10,000 pg/mL	0.025 mL	N.Ap.	-70	ECL (MSD)	QPS-Delaware
A $\beta$ (Abeta) multiplex (38, 40, 42)	Human CSF	18 - 3,000 pg/ml for A $\beta$ 38/42 16 - 10,000 pg/ml for A $\beta$ 40	0.050 mL	N.Ap.	-70	ECL (MSD) (3Plex)	QPS-Delaware
A $\beta$ 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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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 - 1000 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
$\alpha$ -GST (alpha-GST)	Human Plasma	60 - 2,000 pg/mL	0.03 mL	EDTA	-70	ELISA	QPS-Delaware
$\alpha$ 1-Acid Glycoprotein (AAG)	Human Plasma	0.131 - 4.19 g/L	0.03 mL	Heparin	-20	Nephelometry	QPS-NL
$\alpha$ 1-Acid Glycoprotein (AAG)	Human Plasma	0.131 - 4.19 g/L	0.03 mL	EDTA	-20	Nephelometry	QPS-NL
$\alpha$ 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 $\alpha$ -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 $\mu$ 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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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 ug/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
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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
Cortisol 6β-hydroxycortisol	Human Urine	1.00 - 1,000 ng/mL	0.1 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 - 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
<b>D-dimer</b>	<b>Human Plasma</b>				<b>-70</b>	<b>ELISA</b>	<b>QPS-Delaware</b>
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
<b>DPPiV</b>	<b>Human Plasma</b>	<b>3.1 - 31.0 U/L</b>	<b>0.01 mL</b>	<b>EDTA</b>	<b>-70</b>	<b>the assay Fluorescence det</b>	<b>QPS-Delaware</b>
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
<b>Eosinophil Cationic Protein (ECP)</b>	<b>Human Serum and Human Cleared Sputum</b>	<b>0.400 - 40 ng/mL</b>	<b>0.05 mL</b>	<b>N.Ap.</b>	<b>-70</b>	<b>ELISA</b>	<b>QPS-Delaware</b>

**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) 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
Estradiol (E2)	Human Serum	20 - 2,000 pg/mL	0.5 mL	N.Ap.	-20	Immulate	QPS-NL



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
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
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
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 - 2,500 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





### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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 PlGF 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
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



### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
ICAM-3	Human Serum	0.625 - 20 ng/mL	0.02 mL	N.Ap.	-70	ELISA	QPS-Delaware
IFN- $\alpha$	Mouse Serum	1 - 500 pg/mL	0.1 mL	N.Ap.	-70	ELISA	QPS-Delaware
IFN- $\alpha$	Human Serum	45 - 1,000 pg/mL	0.125 mL	N.Ap.	-20	ELISA	QPS-Delaware
IFN- $\gamma$ IL-1 $\beta$ IL-6 TNF- $\alpha$	Human Plasma	4 - 2,500 pg/mL for IFN- $\gamma$ 0.13 - 2,500 pg/mL for IL- $\beta$ 0.15 - 2,500 pg/mL for IL-6 0.28 - 2,500 pg/mL for TNF- $\alpha$	0.05 mL	EDTA	-70	ECL (MSD) (4Plex)	QPS-Delaware
IFN- $\gamma$ IL-1 $\beta$ IL-2 IL-4 IL-6 TNF- $\alpha$	Monkey Serum	2.44 - 10,000 pg/mL for IFN- $\gamma$ 2.44 - 625 pg/mL for IL-1 $\beta$ 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- $\alpha$	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
IGFPB-3	Human Serum	0.75 - 50 ng/mL	0.1 mL	N.Ap.	-70	ELISA	QPS-Delaware
IL-1 $\beta$ IL-10 TNF- $\alpha$	Human Plasma and Serum	20 - 4,000 pg/mL	0.06 mL	N.Ap.	-20	Luminex (3Plex)	QPS-Delaware
IL-6 IL-10 IL-12 TNF- $\alpha$	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- $\alpha$	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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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 µU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-NL
Insulin	Human Serum	2 - 300 µIU/mL	0.25 mL	N.Ap.	-20	Immulite	QPS-Delaware
Insulin	Human Serum	2 - 100 µIU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-Delaware
Insulin	Human Bronchial Alveoli Fluid	2 - 200 µIU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-Delaware
Insulin	Mouse Serum	2 - 200 µIU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-Delaware
Insulin	Rat Serum	2 - 200 µIU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-Delaware
Insulin	Dog Serum	2 - 100 µIU/mL	0.05 mL	N.Ap.	-20	ELISA	QPS-Delaware
Insulin Lispro (PK)	Human Serum	8 - 160 µU/mL	0.1 mL	N.Ap.	-70	RIA	QPS-Delaware
Interleukin-1β (IL-1β)	Cell Culture Media	5 - 250 pg/mL	0.1 mL	N.Ap.	-20	ELISA	QPS-Delaware
Interleukin-1β (IL-1β)	Human Plasma	4 - 250 pg/mL	0.1 mL	Heparin	-20	ELISA	QPS-Delaware
Interleukin-1β (IL-1β)	Human Plasma Media Mixture	4 - 500 pg/mL	0.2 mL	N.Ap.	-20	ELISA	QPS-Delaware
Interleukin-1β (IL-1β)	Human Whole Blood Supernatant	24 - 1,166 pg/mL	0.4 mL	N.Ap.	-70	ELISA	QPS-NL
Interleukin-1β (IL-1β) High Sensitivity	Human Serum	0.125 - 8 pg/mL	0.15 mL	N.Ap.	-20	ELISA	QPS-Delaware
Interleukin-1β (IL-1β) Interleukin-10 (IL-10) TNF-α	Human 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
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)	Human Serum	9.77 - 2,500 pg/mL	0.1 mL	N.Ap.	-20	ECL	QPS-NL
Interleukin-5 (IL-5)							
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
Interleukin-6 (IL-6) Interleukin-10 (IL-10) Interleukin-12 (IL-12) TNF- $\alpha$	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- $\alpha$	0.10 mL	N.Ap.	-20	Luminex (4Plex)	QPS-Delaware
Interleukin-6 (IL-6) Interleukin-10 (IL-10) Interleukin-12 (IL-12) TNF- $\alpha$	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- $\gamma$	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- $\gamma$	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

**QPS ALPHABETIC ASSAY LIST**

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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 µM	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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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



### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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





## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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	Human Plasma	50 - 10,000 pg/mL	0.25 mL	EDTA	-30	LC/MS/MS	QPS-India
Mycophenolic Acid	Human Plasma	100 - 20,000 ng/mL	0.05 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
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
N-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	Human Plasma	0.5 - 125 µg/mL	0.1 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India
Esomeprazole	Human Plasma	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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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



### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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 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 Perindoprilat	Human Plasma	0.5 - 100 ng/mL 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
Perindopril Perindoprilat	Human Plasma	1.00 - 200 ng/mL 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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
Pravastatin	Human Plasma	0.25 - 100 ng/mL	0.1 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
Prednisolone (free fraction) Cortisol (free fraction)	Human Serum	1.00 - 500 ng/mL 5.00 - 500 ng/mL	0.2 mL	N.Ap.	-20	LC-MS/MS	QPS-NL
Prednisolone Cortisol	Human Serum	2.50 - 500 ng/mL 5.00 - 500 ng/mL	0.05 mL	N.Ap.	-20	LC-MS/MS	QPS-NL
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Propafenone 5-Hydroxyl Propafenone	Human Plasma	0.4 - 200 ng/mL 0.2 - 100 ng/mL	0.2 mL	Heparin	-20	LC/MS/MS	QPS-Taiwan
Propoxyphene Acetaminophen	Human Plasma	1 - 400 ng/mL 50 - 2,000 ng/mL	0.1 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
Propranolol 4-Hydroxy Propranolol	Human Plasma	2 - 500 ng/mL	0.1 mL	EDTA	-70	LC/MS/MS	QPS-Delaware
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
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
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
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
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
Ritxumab (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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
<b>S-100B</b>	<b>Human Serum</b>	<b>50 - 2,000 pg/mL</b>	<b>0.06 mL</b>	<b>N/A</b>	<b>-70</b>	<b>ELISA</b>	<b>QPS-Delaware</b>
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
<b>sFlt-1</b>	<b>Human Plasma</b>	<b>5 - 200 ng/mL</b>	<b>0.075 mL</b>	<b>EDTA</b>	<b>-70</b>	<b>ELISA</b>	<b>QPS-Delaware</b>
<b>sFlt-1</b>	<b>Monkey Plasma</b>	<b>6 - 400 ng/mL</b>	<b>0.075 mL</b>	<b>EDTA</b>	<b>-70</b>	<b>ELISA</b>	<b>QPS-Delaware</b>
<b>SHBG</b>	<b>Human Serum</b>	<b>4 - 199.3 nmol/L</b>	<b>0.11 mL</b>	<b>N.Ap.</b>	<b>-20</b>	<b>Immulite</b>	<b>QPS-Delaware</b>
<b>SHBG</b>	<b>Human Serum</b>	<b>2 - 180 nmol/L</b>	<b>0.5 mL</b>	<b>N.Ap.</b>	<b>-20</b>	<b>Immulite</b>	<b>QPS-NL</b>
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



### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
Sumatriptan	Human Plasma	100 - 10,000 pg/mL	0.5 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India
Sulbactam	Human Serum	150 - 30,000 ng/mL	0.1 mL	N.Ap.	-20	LC/MS/MS	QPS-Taiwan

**QPS ALPHABETIC ASSAY LIST**

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Sumatriptan	Human Plasma	100 - 10,000 pg/mL	0.5 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India
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
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
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
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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 5-Hydroxy Methyl Tolterodine	Human Plasma	40 - 5,000 pg/mL 40 - 5,000 pg/mL	0.3 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India
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



## QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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

### QPS ALPHABETIC ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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



### QPS ALPHABETIC ASSAY LIST

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