



QPS DRUG 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
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
Acetaminophen	Human Plasma	0.1 - 100 μ g/mL	0.05 mL	EDTA	-20	LC/MS/MS	QPS-Delaware



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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 for Acetylsalicylic acid 20 - 4000 ng/mL for Dipyridamole 40 - 4000 ng/mL for Salicylic Acid	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
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



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Adalimumab (Nab)	Human Serum	N.Ap.	0.150 mL	N.Ap.	-70	Cell-Based	QPS-Delaware
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
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
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 µg/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	-30	LC/MS/MS	QPS-India
Amlodipine	Human Plasma	25 - 5,000 pg/mL	0.3 mL	Heparin	-20	LC/MS/MS	QPS-Taiwan



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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 l-Amphetamine	Human Plasma	0.1 to 100 ng/mL 0.1 to 100 ng/mL	0.2 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
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
APC NPC	Human Plasma	1.00-100 ng/mL	0.125 mL	Heparin	-70	HPLC-FLU	QPS-NL
Argatroban	Human Plasma	1 - 1,000 ng/mL	0.2 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
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
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



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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
Axitinib	Human Serum	0.1 - 100 ng/mL	0.1 mL	N.Ap.	-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
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
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



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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
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 5-Fluorouracil	Human Plasma	25.0 - 5,000 ng/mL 5.00 - 2,000 ng/mL	0.1 mL	EDTA Heparin	-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 for Carbidopa 10 - 2,000 ng/mL for Levodopa	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
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
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
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



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Cetirizine	Human Plasma	5 - 622 ng/mL	0.5 mL	EDTA	-70	LC/MS/MS	QPS-India
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
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 Prednisolone	Human Serum	5.00 - 500 ng/mL 2.50 - 500 ng/mL	0.05 mL	N.Ap.	-20	LC/MS/MS	QPS-NL
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
Dalteparin Sodium (anti-Factor Xa)	Human Plasma	1.0 - 10.0 µg/mL	0.025 mL	Citrate	-70	Activity / Colorimetric	QPS-Delaware
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



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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 - 4000 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
Dextromethorphan Dextrorphan	Mouse Plasma	0.2 - 100 ng/mL	0.1 mL	Heparin	-20	LC/MS/MS	QPS-Delaware



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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
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 DRUG 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
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

QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Efavirenz (EFV)	Human Plasma	5 - 5,000 ng/mL	0.05 mL	EDTA	-20 & -70	LC/MS/MS	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
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
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	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



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
Fluconazole	Human Plasma	50 - 10,000 ng/mL	0.1 mL	EDTA	-20	LC/MS/MS	QPS-Delaware



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
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
Guaifenesin	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
Hydrochlorothiazide	Human Plasma	4 - 350 ng/mL	0.2 mL	EDTA	-20	LC/MS/MS	QPS-India



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Hydrocodone Hydromorphone	Human Plasma	0.1 - 200 ng/mL 0.05 - 5 ng/mL	0.5 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
Hydromorphone Hydrocodone	Human Plasma	0.03 - 30 ng/mL 0.1 - 100 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
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	-30	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



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
Insulin Lispro (PK)	Human Serum	8 - 160 µU/mL	0.1 mL	N.Ap.	-70	RIA	QPS-Delaware
Iodoacetamide	Formulation	0.250 - 500 µM	0.02 mL	N.Ap.	-20	ICP-MS	QPS-NL
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 DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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	K2 & 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



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
Lurasidone	Human Plasma	0.02 - 50 ng/mL	0.1 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
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
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



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Methyl Diethyldithiocarbamate (Methyl-DDTC)	Human Plasma	0.25 - 250 ng/mL	0.4 mL	EDTA	-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
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



QPS DRUG ASSAY LIST

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



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Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
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
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
Norverapamil Verapamil	Human Plasma	1.00 - 250 ng/mL	1.0 mL	Heparin	-20	HPLC-FLU	QPS-NL
NPC APC	Human Plasma	1.00 - 100 ng/mL	0.125 mL	Heparin	-70	HPLC-FLU	QPS-NL
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
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



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



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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
Pantoprazole	Human Plasma	5 - 5,040 ng/mL	0.2 mL	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



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Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Phenobarbital	Human Plasma	5 - 5,000 ng/mL	0.1 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
Pitavastatin	Human Plasma	0.5 - 100 ng/mL	0.2 mL	EDTA	-20	LC/MS/MS	QPS-Taiwan
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	0.1 mL	EDTA	-20	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 Plasma	1.00 - 500 ng/mL 5.00 - 500 ng/mL	0.2 mL	N.Ap.	-20	LC-MS/MS	QPS-NL
Prednisolone Cortisol	Human Plasma	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
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
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



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Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Pseudoephedrine	Human Plasma	2 - 2,000 ng/mL	0.05 mL	EDTA	-20 & -70	LC/MS/MS	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
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
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 ng/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



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Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Rilpivirine	Human Plasma	1 - 500 ng/mL	0.05 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
Risedronate	Human Plasma	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
Rosuvastatin	Human Plasma	0.1 - 20 ng/mL	0.2 mL	Heparin	-20	LC/MS/MS	QPS-Taiwan

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Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
R-Warfarin S-Warfarin	Human Plasma	10.0 - 2,500 ng/mL	0.1 mL	Heparin	-20	LC/MS/MS	QPS-NL
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
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	Human Plasma	10.0 - 1,000 ng/mL	125 µL	N.Ap.	2 - 8	ICP-MS	QPS-NL
Silver	Human Plasma	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 Plasma	05 - 60 ng/mL	0.5 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India



QPS DRUG ASSAY LIST

Compound(s)	Matrix	Assay Range	Sample Volume	Anti-Coagulant	Storage Temperature (°C)	Platform	Site
Sirolimus	Human Plasma	0.2 - 100 ng/mL	0.2 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
Sirolimus Temsirolimus	Human Plasma	0.1 - 50 ng/mL 0.25 - 125 ng/mL	0.2 mL	EDTA	-20	LC/MS/MS	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
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 Plasma	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
Tacrolimus	Human Plasma	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
Tapentadol	Human Plasma	1 - 1,000 ng/mL	0.05 mL	EDTA	-20 & -70	LC/MS/MS	QPS-Delaware
Techneium	Human Plasma	1.00 - 200 ng/mL	0.1 mL	EDTA	-20	ICP-MS	QPS-NL
Techneium	Human Plasma	3.00 - 200 ng/mL	0.1 mL	EDTA	-20	ICP-MS	QPS-NL
Techneium	Human 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 Plasma	0.500 - 50.0 ng/mL	0.25 mL	N.Ap.	-20	LC-MS/MS	QPS-NL
Testosterone (bioavailable)	Human Plasma	0.100 - 25.0 ng/mL	0.25 mL	N.Ap.	-20	LC-MS/MS	QPS-NL



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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
Theophylline	Human Plasma	0.100 - 20.0 µg/mL	0.2 mL	EDTA	-20	HPLC-UV	QPS-NL
Theophylline	Human Plasma	0.100 - 50.0 µg/mL	0.2 mL	N.Ap.	-20	HPLC-UV	QPS-NL
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
Tizanidine	Human Plasma	1 - 500 ng/mL	0.5 mL	EDTA	-20	LC/MS/MS	QPS-Delaware
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
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	Human Plasma	20 - 15,000 ng/mL	0.1 mL	EDTA	-20 & -70	LC/MS/MS	QPS-India



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Valsartan Hydrochlorothiazide	Human Plasma	20 - 5,000 ng/mL 1 - 200 ng/mL	0.2 mL	Heparin	-20	LC/MS/MS	QPS-Taiwan
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 Plasma	2.00 - 200 ng/mL 25.0 - 500 ng/mL	1 mL	N.Ap.	-70	HPLC-UV	QPS-NL
Voriconazole Voriconazole N-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	Human Plasma	10.0 - 2,000 ng/mL	0.1 mL	EDTA	-20	ICP-MS	QPS-NL
Yttrium	Human Plasma	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



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Zinc (total) Aluminium	Human Plasma	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 Plasma	50 - 2,500 ng/mL	0.1 mL	N.Ap.	-20	LC/MS/MS	QPS-Delaware