

## Available Assays

BA/BE

Large Molecules

IVRT/IVPT

BA/BE

| Analyte   | Matrix       | Sensitivity       | Method   | Status               |
|---|--------------|-------------------|----------|----------------------|
| 15 Hydroxy Lubiprostone                           | Human Plasma | 1.0 pg/mL         | LC/MS/MS | Validated            |
| 17-Desacetyl Norgestimate (Norelgestromin)        | Human Plasma | 0.02 ng/mL        | LC/MS/MS | Validated            |
| 20 Alpha-Dihydrodydrogesterone                    | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| 21-Desacetyl deflazacort                          | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| 2-pyridyl acetic acid (metabolite of Betahistine) | Human Plasma | 5.0 ng/mL         | LC/MS/MS | Revalidation Pending |
| 3-Keto Desogestrel                                | Human Plasma | 10.0 pg/mL        | LC/MS/MS | Validated            |
| 6-MNA   | Human Plasma | 0.2 µg/mL         | LC/MS/MS | Validated            |
| Abacavir and Lamivudine                           | Human Plasma | 0.1/0.05 µg/mL    | LC/MS/MS | Validated            |
| Abemaciclib                                       | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Abiraterone                                       | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Abiraterone                                       | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Abiraterone                                       | Human Plasma | 5.0 ng/mL         | LC/MS/MS | Validated            |
| Acalabrutinib and Acalabrutinib Metabolite 27     | Human Plasma | 3.0/3.0 ng/mL     | LC/MS/MS | Validated            |
| Acamprosate                                       | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Revalidation Pending |
| Acetaminophen                                     | Human Plasma | 0.05 µg/mL        | LC/MS/MS | Validated            |
| Acetazolamide                                     | Human Plasma | 0.03 µg/mL        | LC/MS/MS | Validated            |
| Acetazolamide                                     | Human Plasma | 0.3 µg/mL         | LC/MS/MS | Validated            |
| Acyclovir   | Human Plasma | 5.0 ng/mL         | LC/MS/MS | Validated            |
| Agomelatine                                       | Human Plasma | 0.05 ng/mL        | LC/MS/MS | Validated            |
| Albendazole                                       | Human Plasma | 0.25 ng/mL        | LC/MS/MS | Validated            |
| Albendazole and Albendazole Sulfoxide             | Human Plasma | 0.25/2.5 ng/mL    | LC/MS/MS | Validated            |
| Albuterol   | Human Plasma | 10.0 pg/mL        | LC/MS/MS | Validated            |
| Albuterol   | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Alectinib   | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Alectinib and Alectinib M4 Metabolite             | Human Plasma | -                 | LC/MS/MS | Under Development    |
| Alendronate                                       | Human Plasma | 0.5000 ng/mL      | LC/MS/MS | Validated            |
| Alfuzosin   | Human Plasma | 0.1 ng/mL         | LC/MS/MS | Validated            |
| Allopurinol                                       | Human Plasma | 0.02 µg/mL        | LC/MS/MS | Validated            |
| Allopurinol and Oxypurinol                        | Human Plasma | 0.02/0.04 µg/mL   | LC/MS/MS | Validated            |
| Almotriptan                                       | Human Plasma | 0.5 ng/mL         | LC/MS/MS | Validated            |
| Alosetron   | Human Plasma | 0.05 ng/mL        | LC/MS/MS | Validated            |
| Alprazolam  | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Revalidation Pending |
| Alverine and 4-Hydroxy Alverine                   | Human Plasma | 0.006/0.006 ng/mL | LC/MS/MS | Validated            |
| Alvimopan and Metabolite ADL-08-0011              | Human Plasma | 0.05/0.01 ng/mL   | LC/MS/MS | Validated            |
| Amantadine  | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Ambrisentan                                       | Human Plasma | 10.0 ng/mL        | LC/MS/MS | Validated            |
| Amiloride   | Human Plasma | 0.1 ng/mL         | LC/MS/MS | Validated            |
| Amiodarone  | Human Plasma | 3.0 ng/mL         | LC/MS/MS | Validated            |
| Amiodarone & N-Desethylamiodarone                 | Human Plasma | 4.0/2.0 ng/mL     | LC/MS/MS | Revalidation Pending |
| Amisulpride                                       | Human Plasma | 4.0 ng/mL         | LC/MS/MS | Validated            |
| Amitriptyline                                     | Human Plasma | 0.12 ng/mL        | LC/MS/MS | Validated            |
| Amitriptyline and Nortriptyline                   | Human Plasma | 0.12/0.04 ng/mL   | LC/MS/MS | Validated            |
| Amitriptyline and Nortriptyline                   | Human Plasma | 0.02/0.01 ng/mL   | LC/MS/MS | Validated            |
| Amlodipine  | Human Plasma | 0.05 ng/mL        | LC/MS/MS | Validated            |
| Amlodipine  | Human Plasma | 0.1000 ng/mL      | LC/MS/MS | Validated            |

|   |              |                         |          |                      |
|---|--------------|-------------------------|----------|----------------------|
| Amoxicillin   | Human Plasma | 0.05 µg/mL              | LC/MS/MS | Validated            |
| Amoxicillin and Clavulanic Acid   | Human Plasma | 0.05/0.01 µg/mL         | LC/MS/MS | Validated            |
| Amphetamine (mix)   | Human Plasma | 0.4 ng/mL               | LC/MS/MS | Validated            |
| Anastrozole   | Human Plasma | 0.2 ng/mL               | LC/MS/MS | Validated            |
| Apalutamide   | Human Plasma | 10.0 ng/mL              | LC/MS/MS | Validated            |
| Apixaban  | Human Plasma | 1.0 ng/mL               | LC/MS/MS | Validated            |
| Apremilast  | Human Plasma | 2.0 ng/mL               | LC/MS/MS | Validated            |
| Aprepitant High range   | Human plasma | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Aripiprazole  | Human Plasma | 2.0 ng/mL               | LC/MS/MS | Validated            |
| Aripiprazole and Dehydro Aripiprazole   | Human Plasma | 2.0/0.5 ng/mL           | LC/MS/MS | Validated            |
| Armodafinil   | Human Plasma | 0.09 µg/mL              | LC/MS/MS | Validated            |
| Artesunate  | Human Plasma | 1.0 ng/mL               | LC/MS/MS | Validated            |
| Artesunate and Dihydroartemisinin   | Human Plasma | 1.0/1.0 ng/mL           | LC/MS/MS | Validated            |
| Asciminib   | Human Plasma | -                       | LC/MS/MS | Under Development    |
| Asenapine   | Human Plasma | 0.05 ng/mL              | LC/MS/MS | Validated            |
| Asenapine and N-Desmethyl Asenapine   | Human Plasma | 0.05/0.04 ng/mL         | LC/MS/MS | Validated            |
| Atazanavir  | Human Plasma | 20.0 ng/mL              | LC/MS/MS | Validated            |
| Atenolol  | Human Plasma | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Atomoxetine   | Human Plasma | 5.0 ng/ml               | LC/MS/MS | Validated            |
| Atorvastatin  | Human Plasma | 0.25 ng/mL              | LC/MS/MS | Validated            |
| Atorvastatin, 2-Hydroxy Atorvastatin and 4-Hydroxy Atorvastatin                   | Human Plasma | 0.25/0.25/0.05 ng/mL    | LC/MS/MS | Validated            |
| Atovaquone  | Human Plasma | 0.1 µg/mL               | LC/MS/MS | Validated            |
| Atovaquone  | Human Plasma | 0.01 µg/mL              | LC/MS/MS | Validated            |
| Atovaquone  | Human Plasma | 25 ng/mL                | LC/MS/MS | Validated            |
| Avacopan  | Human Plasma | 0.4 ng/mL               | LC/MS/MS | Validated            |
| Avanafil  | Human Plasma | 0.01 µg/mL              | LC/MS/MS | Validated            |
| Axitinib  | Human Plasma | 0.15 ng/mL              | LC/MS/MS | Validated            |
| Azelastine  | Human Plasma | 2.0 pg/mL               | LC/MS/MS | Validated            |
| Azilsartan  | Human Plasma | 0.04 µg/mL              | LC/MS/MS | Validated            |
| Azithromycin  | Human Plasma | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Azithromycin  | Human Plasma | 2.0 ng/mL               | LC/MS/MS | Validated            |
| Baclofen  | Human Plasma | 3.0 ng/mL               | LC/MS/MS | Validated            |
| Balsalazide   | Human Plasma | 1.0 ng/mL               | LC/MS/MS | Validated            |
| Beclomethasone dipropionate and 17-BMP  | Human Plasma | 10 & 20 pg/mL           | LC/MS/MS | Ready for Validation |
| Belzutifan  | Human Plasma | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Bempedoic Acid  | Human Plasma | 0.1 µg/mL               | LC/MS/MS | Validated            |
| Bempedoic Acid & ESP-15228  | Human Plasma | 0.1/0.01 µg/mL          | LC/MS/MS | Validated            |
| Benazepril & Benazeprilat   | Human Plasma | 1.0/1.0 ng/mL           | LC/MS/MS | Revalidation Pending |
| Betamethasone & Betamethasone 17-monopropionate                                   | Human Plasma | -                       | LC/MS/MS | Under Development    |
| Bilastine   | Human Plasma | 0.5 ng/mL               | LC/MS/MS | On Going             |
| Biperiden   | Human Plasma | 0.015 ng/mL             | LC/MS/MS | Validated            |
| Bismuth   | Human Plasma | 0.04 ng/mL              | ICP-MS   | Validated            |
| Bisoprolol  | Human Plasma | 0.1 ng/mL               | LC/MS/MS | Validated            |
| Bosentan  | Human Plasma | 10.0 ng/mL              | LC/MS/MS | Validated            |
| Bosutinib   | Human Plasma | 0.15 ng/mL              | LC/MS/MS | Validated            |
| Brexipiprazole  | Human Plasma | 0.3 ng/mL               | LC/MS/MS | Validated            |
| Brexipiprazole & DM-3411  | Human Plasma | 0.3/0.3 ng/mL           | LC/MS/MS | Validated            |
| Brivaracetam  | Human Plasma | 0.02 µg/mL              | LC/MS/MS | Validated            |
| Bromazepam  | Human Plasma | 0.8 ng/mL               | LC/MS/MS | Validated            |
| Bromocriptine   | Human Plasma | 20.0 pg/mL              | LC/MS/MS | Revalidation Pending |
| Budesonide  | Human Plasma | 10.0 pg/mL              | LC/MS/MS | Validated            |
| Budesonide  | Human Plasma | 25.0 pg/mL              | LC/MS/MS | Validated            |
| Budesonide  | Human Plasma | 50.0 pg/mL              | LC/MS/MS | Validated            |
| Budesonide  | Human Plasma | 2.0 pg/mL               | LC/MS/MS | Validated            |
| Bumetanide  | Human Plasma | 0.3 ng/mL               | LC/MS/MS | Validated            |
| Buprenorphine   | Human Plasma | 0.02 ng/mL              | LC/MS/MS | Validated            |
| Buprenorphine and Norbuprenorphine  | Human Plasma | 0.02 ng/mL/0.02 ng/mL   | LC/MS/MS | Validated            |
| Bupropion, Hydroxy bupropion, Threo dihydrobupropion and Erythro dihydrobupropion | Human Plasma | 0.5/1.5/0.5/0.625 ng/mL | LC/MS/MS | Validated            |

|  |                   |                         |          |                      |
|--|-------------------|-------------------------|----------|----------------------|
| Bupropion, Hydroxybupropion, Erythro-Dihydrobupropion, Threo-Dihydrobupropion  | Human Plasma      | 2.0/10.0/2.0/10.0 ng/mL | LC/MS/MS | Validated            |
| Butyl Hyoscine   | Human Plasma      | 1.0 pg/mL               | LC/MS/MS | Validated            |
| Cabotegravir   | Human Plasma      | -                       | LC/MS/MS | Upcoming Product     |
| Cabozantinib   | Human Plasma      | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Calcifediol  | Human Serum       | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Calcitriol   | Human Plasma      | 10 pg/mL                | LC/MS/MS | Validated            |
| Calcitriol (Higher Range)  | Human Plasma      | 10 pg/mL                | LC/MS/MS | Validated            |
| Canagliflozin  | Human Plasma      | 7.5 ng/mL               | LC/MS/MS | Validated            |
| Candesartan  | Human Plasma      | 1.0 ng/mL               | LC/MS/MS | Validated            |
| Candesartan  | Human plasma      | 0.2 ng/mL               | LC/MS/MS | Validated            |
| Cannabidiol  | Human Plasma      | 0.1 ng/mL               | LC/MS/MS | Validated            |
| Capecitabine   | Human Plasma      | 10.0 ng/mL              | LC/MS/MS | Validated            |
| Capivasertib and Foscarbidopa  | Human Plasma      | -                       | LC/MS/MS | Upcoming Product     |
| Carbamazepine  | Human Plasma      | 0.1 µg/mL               | LC/MS/MS | Validated            |
| Carbamazepine  | Human Plasma      | 25.0 ng/mL              | LC/MS/MS | Validated            |
| Carbamazepine and Carbamazepine 10, 11 epoxide   | Human Plasma      | 25.0/2.5 ng/mL          | LC/MS/MS | Validated            |
| Carbamazepine and Carbamazepine 10, 11 epoxide   | Human Plasma      | 0.1/0.02 µg/mL          | LC/MS/MS | Validated            |
| Carbidopa  | Human Plasma      | 0.5 ng/mL               | LC/MS/MS | Validated            |
| Cariprazine  | Human Plasma      | 10.0 pg/mL              | LC/MS/MS | Validated            |
| Cefixime   | Human Plasma      | 50.0 ng/mL              | LC/MS/MS | Revalidation Pending |
| Ceftriaxone  | Human Plasma      | 3.0 µg/mL               | LC/MS/MS | Validated            |
| Cefuroxime   | Human Plasma      | 0.20 µg/mL              | LC/MS/MS | Revalidation Pending |
| Celecoxib  | Human Plasma      | 10.0 ng/mL              | LC/MS/MS | Validated            |
| Cephalexin   | Human Plasma      | 0.5 µg/mL               | LC/MS/MS | Revalidation Pending |
| Cevimeline   | Human Plasma      | 1.0 ng/mL               | LC/MS/MS | Validated            |
| CGP52421 (7-Hydroxylation, epimer 1 and epimer 2 in total) (Synonym of 3-Hydroxy Midostaurin (Mixture of Diastereomers)) | Human Plasma      | 2.0 ng/mL               | LC/MS/MS | Validated            |
| Chloral Hydrate  | Human Plasma      | 0.5 ng/mL               | LC/MS/MS | Validated            |
| Chlorpromazine and 7-Hydroxy Chlorpromazine  | Human Plasma      | 0.05/0.025 ng/mL        | LC/MS/MS | Validated            |
| Chlorpromazine and 7-Hydroxy Chlorpromazine  | Human Plasma      | 0.5/0.1 ng/mL           | LC/MS/MS | Validated            |
| Chlorthalidone   | Human Whole Blood | 15.0 ng/mL              | LC/MS/MS | Validated            |
| Chlorthalidone   | Human Plasma      | 5.0 ng/mL               | LC/MS/MS | Revalidation Pending |
| Chlorthalidone   | Human Plasma      | 2.0 ng/mL               | LC/MS/MS | Revalidation Pending |
| Cilostazol   | Human Plasma      | 10 ng/mL                | LC/MS/MS | Validated            |
| Cinacalcet   | Human Plasma      | 0.25 ng/mL              | LC/MS/MS | Validated            |
| Cinacalcet   | Human Plasma      | 0.08 ng/mL              | LC/MS/MS | Validated            |
| Ciprofloxacin  | Human Plasma      | 30.0 ng/mL              | LC/MS/MS | Validated            |
| Cis-Phytonadione and Trans-Phytonadione  | Human Plasma      | 0.05/0.125 ng/mL        | LC/MS/MS | Validated            |
| Clarithromycin and 14-Hydroxyclearithromycin   | Human Plasma      | 10.0/5.0 ng/mL          | LC/MS/MS | Validated            |
| Clobazam/N-Desmethylclobazam   | Human Plasma      | 2.5/1.0 ng/mL           | LC/MS/MS | Validated            |
| Clomipramine and N-Desmethyl Clomipramine  | Human Plasma      | 1.5/0.3 ng/mL           | LC/MS/MS | Validated            |
| Clomipramine and N-Desmethyl Clomipramine  | Human Plasma      | 0.25/0.05 ng/mL         | LC/MS/MS | Validated            |
| Clonidine  | Human Plasma      | 0.04 ng/mL              | LC/MS/MS | Validated            |
| Clonidine  | Human Plasma      | 5.0 pg/mL               | LC/MS/MS | Validated            |
| Clonidine  | Human Plasma      | 40.00 pg/mL             | LC/MS/MS | Validated            |
| Clopidogrel  | Human Plasma      | 0.01 ng/mL              | LC/MS/MS | Validated            |
| Clopidogrel & Clopidogrel Acid   | Human Plasma      | 0.005/2.5 ng/mL         | LC/MS/MS | Revalidation Pending |
| Clopidogrel, 2-Oxo Clopidogrel and Clopidogrel H4 Metabolite   | Human Plasma      | 0.02/0.02/0.1 ng/mL     | LC/MS/MS | Revalidation Pending |
| Clozapine  | Human Plasma      | 5.0 ng/mL               | LC/MS/MS | Validated            |
| Clozapine  | Human Plasma      | 0.2000 ng/mL            | LC/MS/MS | Validated            |
| Codeine and Codeine-6-Beta-D-Glucuronide   | Human whole blood | 1.0/4.0 ng/mL           | LC/MS/MS | Validated            |

|  |                   |                     |          |                      |
|--|-------------------|---------------------|----------|----------------------|
| Codeine and Codeine-6-Beta-D-Glucuronide               | Human urine       | 1.0/4.0 ng/mL       | LC/MS/MS | Validated            |
| Codeine in human fingerprint                           | Human fingerprint | 5.0 pg              | LC/MS/MS | Validated            |
| Codeine in human saliva                                | Human saliva      | 1.0 ng/mL           | LC/MS/MS | Validated            |
| Colchicine   | Human Plasma      | 0.02 ng/mL          | LC/MS/MS | Validated            |
| Crisaborole  | Human Plasma      | 0.5 ng/mL           | LC/MS/MS | Validated            |
| Cyclobenzaprine  | Human Plasma      | 0.2 ng/mL           | LC/MS/MS | Validated            |
| Cyclobenzaprine  | Human Plasma      | 0.01 ng/mL          | LC/MS/MS | Validated            |
| Cycloserine  | Human Plasma      | 0.2 µg/mL           | LC/MS/MS | Validated            |
| Cyclosporine   | Human Whole Blood | 4.0 ng/mL           | LC/MS/MS | Validated            |
| Cyproheptadine (Liquid-Liquid Method)                  | Human Plasma      | 0.05 ng/mL          | LC/MS/MS | Validated            |
| Cyproheptadine (Protein Precipitation Method)          | Human Plasma      | 0.05 ng/mL          | LC/MS/MS | Validated            |
| Dabigatran (Free & Total)                              | Human Plasma      | 1.0/1.201 ng/mL     | LC/MS/MS | Validated            |
| Daclatasvir  | Human Plasma      | 5.0 ng/mL           | LC/MS/MS | Validated            |
| Dalfampridine  | Human Plasma      | 0.2 ng/mL           | LC/MS/MS | Validated            |
| Dapagliflozin  | Human Plasma      | 1.0 ng/mL           | LC/MS/MS | Validated            |
| Dapsone  | Human Plasma      | 0.05 ng/mL          | LC/MS/MS | Validated            |
| Dapsone  | Human Plasma      | 0.01 µg/mL          | LC/MS/MS | Validated            |
| Dapsone low range                                      | Human Plasma      | 5.000 pg/mL         | LC/MS/MS | Validated            |
| Darunavir  | Human Plasma      | 0.025 µg/mL         | LC/MS/MS | Validated            |
| Darunavir and Ritonavir                                | Human Plasma      | 0.025/0.005 µg/mL   | LC/MS/MS | Validated            |
| Dasatinib  | Human Plasma      | 1.0 ng/mL           | LC/MS/MS | Validated            |
| Deferasirox  | Human Plasma      | 0.1 µg/mL           | LC/MS/MS | Validated            |
| Deferiprone  | Human Plasma      | 0.04 µg/mL          | LC/MS/MS | Validated            |
| Descarboethoxyloratadine                               | Human Plasma      | 0.05 ng/mL          | LC/MS/MS | Revalidation Pending |
| Desloratadine  | Human Plasma      | 0.04 ng/mL          | LC/MS/MS | Validated            |
| Desmopressin   | Human Plasma      | 1.0 pg/mL           | LC/MS/MS | Validated            |
| Desvenlafaxine   | Human Plasma      | 2.0 ng/mL           | LC/MS/MS | Validated            |
| Deucravacitinib  | Human Plasma      | 0.3 ng/mL           | LC/MS/MS | Validated            |
| Deutetrabenazine & It's Metabolites                    | Human Plasma      | -                   | LC/MS/MS | Under Development    |
| Deutetrabenazine & It's Metabolites                    | Human Plasma      | -                   | LC/MS/MS | Under Development    |
| Dexamethasone  | Human Plasma      | 0.5 ng/mL           | LC/MS/MS | Validated            |
| Dexamphetamine   | Human Plasma      | 0.5 ng/mL           | LC/MS/MS | Validated            |
| Dexketoprofen  | Human Plasma      | 0.01 µg/mL          | LC/MS/MS | Validated            |
| Dexlansoprazole  | Human Plasma      | 10.0 ng/mL          | LC/MS/MS | Validated            |
| Dexmedetomidine  | Human Plasma      | 2.0 pg/mL           | LC/MS/MS | Validated            |
| Dexmethylphenidate                                     | Human Plasma      | 0.1000 ng/mL        | LC/MS/MS | Validated            |
| Dextromethorphan                                       | Human Plasma      | 0.015 ng/mL         | LC/MS/MS | Validated            |
| Diazepam   | Human Plasma      | -                   | LC/MS/MS | Upcoming Product     |
| Diclofenac   | Human Plasma      | 0.04 ng/mL          | LC/MS/MS | Validated            |
| Diclofenac   | Human Plasma      | 10.0 ng/mL          | LC/MS/MS | Validated            |
| Diclofenac   | Human Plasma      | 0.025 µg/mL         | LC/MS/MS | Validated            |
| Diclofenac   | Human Plasma      | 5 ng/mL             | LC/MS/MS | Validated            |
| Diclofenac/Esomeprazole (combined single method)       | Human Plasma      | 5.0/2.5 ng/mL       | LC/MS/MS | Validated            |
| Dicyclomine (Dicycloverine)                            | Human Plasma      | 0.3 ng/mL           | LC/MS/MS | Validated            |
| Dicyclomine (Dicycloverine)                            | Human Plasma      | 1.0 ng/mL           | LC/MS/MS | Validated            |
| Didanosine   | Human Plasma      | 10.0 ng/mL          | LC/MS/MS | Validated            |
| Dienogest  | Human Plasma      | 0.5 ng/mL           | LC/MS/MS | Validated            |
| Diflunisal   | Human Plasma      | 1.0 µg/mL           | LC/MS/MS | Validated            |
| Digoxin  | Human Plasma      | 0.025 ng/mL         | LC/MS/MS | Validated            |
| Dihydroartemisinin                                     | Human Plasma      | 1.0 ng/mL           | LC/MS/MS | Validated            |
| Diltiazem  | Human Plasma      | 0.6 ng/mL           | LC/MS/MS | Validated            |
| Diltiazem, Desacetyl Diltiazem & N-Desmethyl Diltiazem | Human Plasma      | 0.6/0.12/0.21 ng/mL | LC/MS/MS | Validated            |
| Dipyridamole   | Human Plasma      | 5.0 ng/mL           | LC/MS/MS | Validated            |
| Dolutegravir   | Human Plasma      | 20.0 ng/mL          | LC/MS/MS | Validated            |
| Dolutegravir, Emtricitabine, Tenofovir Alafenamide     | Human Plasma      | 2.5/1.25/0.1 ng/mL  | LC/MS/MS | Validated            |
| Donepezil  | Human Plasma      | 0.15 ng/mL          | LC/MS/MS | Validated            |
| Donepezil and 6-O-Desmethyl Donepezil                  | Human Plasma      | 0.1/0.02 ng/mL      | LC/MS/MS | Validated            |
| Doxazosin  | Human Plasma      | 0.1 ng/mL           | LC/MS/MS | Validated            |
| Doxepin  | Human Plasma      | 0.2 ng/mL           | LC/MS/MS | Validated            |

|   |                   |                          |          |                      |
|---|-------------------|--------------------------|----------|----------------------|
| Doxepin and Nordoxepin                    | Human Plasma      | 20.0/2.0 pg/mL           | LC/MS/MS | Validated            |
| Doxepin and Nordoxepin                    | Human Plasma      | 20.0/10.0 pg/mL          | LC/MS/MS | Validated            |
| Doxepin and Nordoxepin                    | Human Plasma      | 0.2/0.05 ng/mL           | LC/MS/MS | Validated            |
| Doxycycline                               | Human Plasma      | 20.0 ng/mL               | LC/MS/MS | Validated            |
| Dronedarone                               | Human Plasma      | 0.5 ng/mL                | LC/MS/MS | Validated            |
| Dronedarone and Desbutyl Dronedarone      | Human Plasma      | 0.5/0.5 ng/mL            | LC/MS/MS | Validated            |
| Drospirenone                              | Human Plasma      | 0.5 ng/mL                | LC/MS/MS | Validated            |
| Drotaverine                               | Human Plasma      | 2.0 ng/mL                | LC/MS/MS | Validated            |
| Droxidopa                                 | Human Plasma      | 5.5 ng/mL                | LC/MS/MS | Validated            |
| Duloxetine                                | Human Plasma      | 1.0 ng/mL                | LC/MS/MS | Validated            |
| Dutasteride                               | Human Plasma      | 0.05 ng/mL               | LC/MS/MS | Validated            |
| Dydrogesterone                            | Human Plasma      | 50.0 pg/mL               | LC/MS/MS | Validated            |
| Edaravone                                 | Human Plasma      | 0.01 µg/mL               | LC/MS/MS | Validated            |
| Edaravone                                 | Human Plasma      | 1.0 ng/mL                | LC/MS/MS | Validated            |
| Edaravone Sulfate & Edaravone Glucuronide | Human Plasma      | -                        | LC/MS/MS | Under Development    |
| Edoxaban                                  | Human Plasma      | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Edoxaban                                  | Human Plasma      | 0.6 ng/mL                | LC/MS/MS | Validated            |
| E-Doxepin and Z-Doxepin                   | Human Plasma      | 0.2565 and 0.04470 ng/mL | LC/MS/MS | Validated            |
| Efavirenz                                 | Human Plasma      | 10.0 ng/mL               | LC/MS/MS | Validated            |
| Elagolix                                  | Human Plasma      | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Eletriptan                                | Human Plasma      | 0.5 ng/mL                | LC/MS/MS | Validated            |
| Eliglustat                                | Human Plasma      | 0.1 ng/mL                | LC/MS/MS | Validated            |
| Eltrombopag                               | Human Plasma      | 0.05 µg/mL               | LC/MS/MS | Validated            |
| Eltrombopag                               | Human Plasma      | 0.01 µg/mL               | LC/MS/MS | Validated            |
| Eluxadoline                               | Human Plasma      | 0.1 ng/mL                | LC/MS/MS | Validated            |
| Eluxadoline                               | Human Plasma      | 0.01 ng/mL               | LC/MS/MS | Validated            |
| Empagliflozin                             | Human Plasma      | 1.0 ng/mL                | LC/MS/MS | Validated            |
| Emtricitabine                             | Human Plasma      | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Enalapril and Enalaprilat                 | Human Plasma      | 0.5/0.5 ng/mL            | LC/MS/MS | Validated            |
| Entacapone                                | Human Plasma      | 20.0 ng/mL               | LC/MS/MS | Validated            |
| Entecavir                                 | Human Plasma      | 0.04 ng/mL               | LC/MS/MS | Validated            |
| Enzalutamide                              | Human Plasma      | 0.05 µg/mL               | LC/MS/MS | Validated            |
| Enzalutamide                              | Human Plasma      | 10.0 ng/mL               | LC/MS/MS | Validated            |
| Enzalutamide                              | Human Plasma      | 0.10 µg/mL               | LC/MS/MS | Validated            |
| Epinephrine                               | Human Plasma      | -                        | LC/MS/MS | Under Development    |
| Eplerenone                                | Human Plasma      | 0.010 µg/mL              | LC/MS/MS | Validated            |
| Erdafitinib                               | Human Plasma      | 1.5 ng/mL                | LC/MS/MS | Validated            |
| Erlotinib                                 | Human Plasma      | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Erythromycin                              | Human Plasma      | 10.0 ng/mL               | LC/MS/MS | Validated            |
| Escitalopram                              | Human Plasma      | 0.2 ng/mL                | LC/MS/MS | Validated            |
| Esomeprazole                              | Human Plasma      | 4.0 ng/mL                | LC/MS/MS | Validated            |
| Estradiol                                 | Human Plasma      | 1.0 pg/mL                | LC/MS/MS | Validated            |
| Estradiol and Estrone                     | Human Plasma      | 1.000/5.000 pg/mL        | LC/MS/MS | Validated            |
| Estradiol and Estrone                     | Human Plasma      | 1.0/3.0 pg/mL            | LC/MS/MS | Validated            |
| Estradiol and Estrone                     | Human Plasma      | 10.0/10.0 pg/mL          | LC/MS/MS | Revalidation Pending |
| Ethacrynic acid                           | Human Plasma      | 2.0 ng/mL                | LC/MS/MS | Validated            |
| Ethinyl Estradiol                         | Human Plasma      | 1 pg/mL                  | LC/MS/MS | Validated            |
| Ethinyl Estradiol                         | Human Plasma      | 1.0 pg/mL                | LC/MS/MS | Validated            |
| Etodolac                                  | Human Plasma      | 0.1 µg/mL                | LC/MS/MS | Validated            |
| Etoricoxib                                | Human Plasma      | 10.0 ng/mL               | LC/MS/MS | Validated            |
| Everolimus                                | Human Whole Blood | 0.3 ng/mL                | LC/MS/MS | Validated            |
| Everolimus                                | Human Plasma      | -                        | LC/MS/MS | Under Consideration  |
| Exemestane                                | Human Plasma      | 0.1 ng/mL                | LC/MS/MS | Validated            |
| Exemestane                                | Human Plasma      | 0.2 ng/mL                | LC/MS/MS | Validated            |
| Ezetimibe and Ezetimibe Glucuronide       | Human Plasma      | 0.05/0.7 ng/mL           | LC/MS/MS | Validated            |
| Ezetimibe and Ezetimibe Glucuronide       | Human Plasma      | 0.025/0.25 ng/mL         | LC/MS/MS | Validated            |
| Famotidine                                | Human Plasma      | 0.3 ng/mL                | LC/MS/MS | Validated            |
| Febuxostat                                | Human Plasma      | 0.02 µg/mL               | LC/MS/MS | Validated            |
| Felbamate                                 | Human Plasma      | 0.4 µg/mL                | LC/MS/MS | Validated            |
| Felodipine                                | Human Plasma      | 0.05 ng/mL               | LC/MS/MS | Revalidation Pending |
| Fenfluramine and Norfenfluramine          | Human Plasma      | 0.25/0.25 ng/mL          | LC/MS/MS | Validated            |
| Fenofibric Acid                           | Human Plasma      | 0.05 µg/mL               | LC/MS/MS | Validated            |
| Fenopropfen                               | Human Plasma      | 0.2 ng/mL                | LC/MS/MS | Revalidation Pending |

|  |                   |                    |          |                      |
|--|-------------------|--------------------|----------|----------------------|
| Fentanyl                                     | Human Plasma      | 2.000 pg/mL        | LC/MS/MS | Validated            |
| Ferumoxytol Associated Iron                  | Human Serum       | 4.0 µg/mL          | ICP-MS   | Validated            |
| Fesoterodine and 5-Hydroxymethyl Tolterodine | Human Plasma      | 0.05/0.05 ng/mL    | LC/MS/MS | Revalidation Pending |
| Fexofenadine                                 | Human Plasma      | 1.0 ng/mL          | LC/MS/MS | Validated            |
| Fidaxomicin                                  | Human Plasma      | 0.05 ng/mL         | LC/MS/MS | Validated            |
| Fidaxomicin and op-1118                      | Human Plasma      | -                  | LC/MS/MS | Under Development    |
| Finasteride                                  | Human Plasma      | 0.1 ng/mL          | LC/MS/MS | Validated            |
| Finerenone                                   | Human Plasma      | 0.5 ng/mL          | LC/MS/MS | Validated            |
| Flecainide                                   | Human Plasma      | 1.0 ng/mL          | LC/MS/MS | Validated            |
| Fluconazole                                  | Human Plasma      | 0.02 µg/mL         | LC/MS/MS | Validated            |
| Flucytosine                                  | Human Plasma      | 0.05 µg/mL         | LC/MS/MS | Validated            |
| Fludrocortisone                              | Human Plasma      | 10.0 pg/mL         | LC/MS/MS | Validated            |
| Flunarizine                                  | Human Plasma      | 0.2 ng/mL          | LC/MS/MS | Validated            |
| Fluoxetine                                   | Human Plasma      | 0.2 ng/mL          | LC/MS/MS | Validated            |
| Fluoxetine and Norfluoxetine                 | Human Plasma      | 0.5/0.5 ng/mL      | LC/MS/MS | Validated            |
| Fluphenazine                                 | Human Plasma      | 15.0 pg/mL         | LC/MS/MS | Validated            |
| Flupirtine and Acetylated Flupirtine         | Human Plasma      | 8.0/2.0 ng/mL      | LC/MS/MS | Validated            |
| Fluticasone                                  | Human Plasma      | 1.0 pg/mL          | LC/MS/MS | Validated            |
| Fluticasone furoate                          | Human Plasma      | 1.000 pg/mL        | LC/MS/MS | Validated            |
| Fluticasone Furoate and Vilanterol           | Human Plasma      | 0.25/1.0 pg/mL     | LC/MS/MS | Validated            |
| Fluticasone propionate                       | Human Plasma      | 250.0 fg/mL        | LC/MS/MS | Validated            |
| Fluticasone propionate                       | Human Plasma      | 0.2 pg/mL          | LC/MS/MS | Validated            |
| Fluvastatin                                  | Human Plasma      | 1.0 ng/mL          | LC/MS/MS | Revalidation Pending |
| Fluvastatin                                  | Human Plasma      | 0.05/0.05 ng/mL    | LC/MS/MS | Revalidation Pending |
| Fluvoxamine                                  | Human Plasma      | 0.5 ng/mL          | LC/MS/MS | Validated            |
| Formoterol                                   | Human Plasma      | 200.0 fg/mL        | LC/MS/MS | Validated            |
| Fosaprepitant and Aprepitant                 | Human plasma      | 5.0 ng/mL          | LC/MS/MS | Validated            |
| Fosfomycin                                   | Human Plasma      | 0.5 µg/mL          | LC/MS/MS | Ready for Validation |
| Fosinoprilat                                 | Human Plasma      | 5.0 ng/mL          | LC/MS/MS | Validated            |
| Free Amphotericin B (Liposome-Unbound)       | Human Plasma      | 7.5 ng/mL          | LC/MS/MS | Validated            |
| Free Doxorubicin                             | Human Plasma      | 10.0 ng/mL         | LC/MS/MS | Validated            |
| Furosemide                                   | Human Plasma      | 20.0 ng/mL         | LC/MS/MS | Validated            |
| Gabapentin                                   | Human Plasma      | 20.0 ng/mL         | LC/MS/MS | Validated            |
| Gabapentin                                   | Human Plasma      | 0.3 µg/mL          | LC/MS/MS | Validated            |
| Gefitinib                                    | Human Plasma      | 1.0 ng/mL          | LC/MS/MS | Validated            |
| Gemfibrozil                                  | Human Plasma      | 0.1 µg/mL          | LC/MS/MS | Revalidation Pending |
| Gestodene                                    | Human Plasma      | 0.05 ng/mL         | LC/MS/MS | Validated            |
| Gliclazide                                   | Human Plasma      | 0.01 µg/mL         | LC/MS/MS | Validated            |
| Glipizide                                    | Human Plasma      | 5.0 ng/mL          | LC/MS/MS | Validated            |
| Glyburide                                    | Human Plasma      | 1.0 ng/mL          | LC/MS/MS | Validated            |
| Glycopyrronium                               | Human Plasma      | 1.0 pg/mL          | LC/MS/MS | Validated            |
| Glycopyrronium                               | Human Plasma      | 250.0 fg/mL        | LC/MS/MS | Validated            |
| Granisetron                                  | Human Plasma      | 0.02 ng/mL         | LC/MS/MS | Validated            |
| Guaifenesin and Dextromethorphan             | Human Plasma      | 0.1000/20.00 ng/mL | LC/MS/MS | Validated            |
| Guaifenesin                                  | Human Plasma      | 20.0 ng/mL         | LC/MS/MS | Validated            |
| Guanfacine                                   | Human Plasma      | 0.05 ng/mL         | LC/MS/MS | Validated            |
| Guanfacine                                   | Human Plasma      | 0.01 ng/mL         | LC/MS/MS | Validated            |
| Haloperidol                                  | Human Plasma      | 0.3000 ng/mL       | LC/MS/MS | Validated            |
| Haloperidol                                  | Human Plasma      | 0.01 ng/mL         | LC/MS/MS | Validated            |
| Haloperidol (Low range)                      | Human Plasma      | 0.02000 ng/mL      | LC/MS/MS | Validated            |
| Hydralazine                                  | Human Plasma      | 0.5000 ng/mL       | LC/MS/MS | Validated            |
| Hydrochlorothiazide                          | Human Plasma      | 0.5 ng/mL          | LC/MS/MS | Validated            |
| Hydrochlorothiazide and Olmesartan           | Human Plasma      | 2.8/24.0 ng/mL     | LC/MS/MS | Validated            |
| Hydrochlorothiazide and Olmesartan           | Human Plasma      | 5.0/0.6 ng/mL      | LC/MS/MS | On Going             |
| Hydrocortisone                               | Human Plasma      | 2.0 ng /mL         | LC/MS/MS | Validated            |
| Hydromorphone                                | Human Plasma      | 0.05000 ng/mL      | LC/MS/MS | Validated            |
| Hydroxychloroquine                           | Human Whole Blood | 2.0 ng/mL          | LC/MS/MS | Validated            |
| Hydroxyzine and Cetirizine                   | Human Plasma      | 0.4/1.4 ng/mL      | LC/MS/MS | Validated            |
| Ibrutinib                                    | Human Plasma      | 0.4 ng/mL          | LC/MS/MS | Validated            |
| Ibrutinib                                    | Human Plasma      | 1.5 ng/mL          | LC/MS/MS | Validated            |
| Ibrutinib                                    | Human Plasma      | 10.0 ng/mL         | LC/MS/MS | Ready for Validation |
| Ibuprofen                                    | Human Plasma      | 0.05 µg/mL         | LC/MS/MS | Validated            |
| Ibuprofen                                    | Human Plasma      | 0.2 µg/mL          | LC/MS/MS | Validated            |
| Imatinib                                     | Human Plasma      | 0.05 µg/mL         | LC/MS/MS | Validated            |

|   |              |                      |          |                      |
|---|--------------|----------------------|----------|----------------------|
| Imatinib  | Human Plasma | 10.0 ng/mL           | LC/MS/MS | Validated            |
| Imipramine and Desipramine  | Human Plasma | 0.5/0.25 ng/mL       | LC/MS/MS | Validated            |
| Indacaterol   | Human Serum  | 2.0 pg/mL            | LC/MS/MS | Validated            |
| Indapamide  | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Revalidation Pending |
| Indapamide  | Human Blood  | 2.000 ng/mL          | LC/MS/MS | Validated            |
| Indomethacin  | Human Plasma | 0.02 µg/mL           | LC/MS/MS | Validated            |
| Ipratropium Br.   | Human Plasma | 0.5000 ng/mL         | LC/MS/MS | Validated            |
| Irbesartan  | Human Plasma | 20.0 ng/mL           | LC/MS/MS | Validated            |
| Isosorbide Dinitrate  | Human Plasma | 0.5000 ng/mL         | LC/MS/MS | Validated            |
| Isosorbide dinitrate, 2 mono and 5 mono ISDN                            | Human Plasma | 0.5/2.0/1.0 ng/mL    | LC/MS/MS | Validated            |
| Isosorbide Dinitrate,Isosorbide-2-Mononitrate, Isosorbide-5-Mononitrate | Human Plasma | 1.0/2.0/6.0 ng/mL    | LC/MS/MS | Revalidation Pending |
| Isosorbide Mononitrate  | Human Plasma | 10.0 ng/mL           | LC/MS/MS | Validated            |
| Isotretinoin  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Isotretinoin  | Human Plasma | 1.000 ng/mL          | LC/MS/MS | Validated            |
| Isotretinoin High Range (1.000-1500 ng/mL)                              | Human Plasma | 1.000 ng/mL          | LC/MS/MS | Validated            |
| Itraconazole  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Itraconazole & Hydroxy Itraconazole                                     | Human Plasma | 1.0/2.0 ng/mL        | LC/MS/MS | Revalidation Pending |
| Itraconazole and Hydroxy Itraconazole                                   | Human Plasma | 0.5/1.0 ng/mL        | LC/MS/MS | Validated            |
| Ivabradine and N-Desmethyl Ivabradine                                   | Human Plasma | 1.0/0.1 ng/mL        | LC/MS/MS | Validated            |
| Ivacaftor   | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Ivermectin (Ivermectin H2B1a)   | Human Plasma | 10.0 pg/mL           | LC/MS/MS | Validated            |
| Ivermectin (Ivermectin H2B1a)   | Human Plasma | 4.0 pg/mL            | LC/MS/MS | Revalidation Pending |
| Ivermectin (Ivermectin H2B1a)   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Ketoprofen  | Human Plasma | 0.04 µg/mL           | LC/MS/MS | Validated            |
| Ketorolac   | Human Plasma | 10.0 ng/mL           | LC/MS/MS | Validated            |
| Kitoconazole (In Plasma)  | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Kitoconazole(dOFM)  | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Lacosamide  | Human Plasma | 0.01 µg/mL           | LC/MS/MS | Validated            |
| Lamivudine, Zidovudine and Abacavir                                     | Human Plasma | 20.0/20.0/40.0 ng/mL | LC/MS/MS | Validated            |
| Lamotrigine   | Human Plasma | 10.0 ng/mL           | LC/MS/MS | Validated            |
| Lamotrigine   | Human Plasma | 0.04 µg/mL           | LC/MS/MS | Validated            |
| Lanreotide  | Human Plasma | -                    | LC/MS/MS | Upcoming Product     |
| Lansoprazole  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Lasmiditan  | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Ledipasvir  | Human Plasma | 3.0 ng/mL            | LC/MS/MS | Validated            |
| Lenalidomide  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Lenvatinib  | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Lenvatinib  | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Letermovir  | Human Plasma | 0.2 µg/mL            | LC/MS/MS | Validated            |
| Letrozole   | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Leuprolide  | Human Plasma | 0.02 ng/mL           | LC/MS/MS | Validated            |
| Levetiracetam   | Human Plasma | 0.3 µg/mL            | LC/MS/MS | Validated            |
| Levocetirizine  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Levodopa & Carbidopa  | Human Plasma | 10.00/2.000 ng/mL    | LC/MS/MS | Validated            |
| Levodopa and 3-O-Methylidopa  | Human Plasma | 0.0025/0.01 µg/mL    | LC/MS/MS | Validated            |
| Levodopa and Carbidopa  | Human Plasma | 10.0/0.5 ng/mL       | LC/MS/MS | Validated            |
| Levodopa and Carbidopa  | Human Plasma | 10.0/1.0 ng/mL       | LC/MS/MS | Validated            |
| Levofloxacin  | Human Plasma | 0.02 µg/mL           | LC/MS/MS | Validated            |
| Levofloxacin  | Human Plasma | 0.05 µg/mL           | LC/MS/MS | Revalidation Pending |
| Levoketoconazole  | Human Plasma | 0.05 µg/mL           | LC/MS/MS | Validated            |
| Levomefolate  | Human Plasma | 3.0 ng/mL            | LC/MS/MS | Validated            |
| Levomefolate  | Human Plasma | 1.5 ng/mL            | LC/MS/MS | Validated            |
| Levomilnacipran   | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Levonorgestrel  | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Validated            |
| Levonorgestrel  | Human Plasma | 1.5 pg/mL            | LC/MS/MS | Validated            |
| Levonorgestrel  | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Levothyroxine   | Human Serum  | 35.0 ng/mL           | LC/MS/MS | Validated            |
| Lidocaine   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Lidocaine and Prilocaine  | Human Plasma | 1.0/0.5 ng/mL        | LC/MS/MS | Validated            |
| Linagliptin and Metformin   | Human Plasma | 0.05/10.0 ng/mL      | LC/MS/MS | Validated            |
| Linagliptine  | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Validated            |
| Liothyronine  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Liposomal (Encapsulated) Doxorubicin                                    | Human Plasma | 0.1 µg/mL            | LC/MS/MS | Validated            |

|   |                   |                       |          |                      |
|---|-------------------|-----------------------|----------|----------------------|
| Liposome Encapsulated Amphotericin B  | Human Plasma      | 0.08 µg/mL            | LC/MS/MS | Validated            |
| Liraglutide   | Human Plasma      | 0.6 ng/mL             | LC/MS/MS | Validated            |
| Lisdexamfetamine  | Human Plasma      | 0.2 ng/mL             | LC/MS/MS | Validated            |
| Lisdexamfetamine & Dexamphetamine   | Human Plasma      | 0.2ng/mL              | LC/MS/MS | Validated            |
| Lisdexamfetamine and Dextroamphetamine  | Human Plasma      | 0.2/0.4 ng/mL         | LC/MS/MS | Validated            |
| Lisinopril  | Human Plasma      | 0.4 ng/mL             | LC/MS/MS | Validated            |
| Lithium   | Human Plasma      | 0.03 µg/mL            | ICP-MS   | Validated            |
| Lomitapide  | Human Plasma      | -                     | LC/MS/MS | Under Development    |
| Loperamide  | Human Plasma      | 10.0 pg/mL            | LC/MS/MS | Validated            |
| Loratadine & Descarboethoxyloratadine   | Human Plasma      | 0.020/0.020 ng/mL     | LC/MS/MS | Revalidation Pending |
| Lorcaserin  | Human Plasma      | 0.5 ng/mL             | LC/MS/MS | Validated            |
| Lornoxicam  | Human Plasma      | 8.0 ng/mL             | LC/MS/MS | Validated            |
| Losartan  | Human Plasma      | 5.0 ng/mL             | LC/MS/MS | Validated            |
| Losartan & Losartan Carboxylic Acid   | Human Plasma      | 5.0/7.0 ng/mL         | LC/MS/MS | Validated            |
| Lovastatin & Lovastatin acid  | Human Plasma      | 0.1/0.1 ng/mL         | LC/MS/MS | Revalidation Pending |
| Lumateperone  | Human Plasma      | 0.2 ng/mL             | LC/MS/MS | Validated            |
| Lurasidone  | Human Plasma      | 0.2 ng/mL             | LC/MS/MS | Validated            |
| Macitentan  | Human Plasma      | 1.0 ng/mL             | LC/MS/MS | Validated            |
| Maraviroc   | Human Plasma      | 10.0 ng/mL            | LC/MS/MS | Validated            |
| Mavacamten  | Human Plasma      | 0.6 ng/mL             | LC/MS/MS | Validated            |
| Mebendazole   | Human Plasma      | 0.1 ng/mL             | LC/MS/MS | Validated            |
| Medroxyprogesterone acetate   | Human Plasma      | 0.025 ng/mL           | LC/MS/MS | Validated            |
| Melatonin   | Human Plasma      | 0.01 ng/mL            | LC/MS/MS | Validated            |
| Meloxicam   | Human Plasma      | 0.075 µg/mL           | LC/MS/MS | Validated            |
| Meloxicam   | Human Plasma      | 0.008 µg/mL           | LC/MS/MS | Validated            |
| Meloxicam   | Human Plasma      | 5.0 ng/mL             | LC/MS/MS | Validated            |
| Memantine   | Human Plasma      | 0.5 ng/mL             | LC/MS/MS | Validated            |
| Mercaptopurine  | Human Plasma      | 0.5 ng/mL             | LC/MS/MS | Validated            |
| Mesalamine  | Human Plasma      | 4.0 ng/mL             | LC/MS/MS | Validated            |
| Mesalamine  | Human Plasma      | 2.0 ng/mL             | LC/MS/MS | Validated            |
| Mesalamine  | Human Plasma      | 1.0 ng/mL             | LC/MS/MS | Validated            |
| Mesalamine  | Human Plasma      | 5.0 ng/mL             | LC/MS/MS | Validated            |
| Metaxalone  | Human Plasma      | 25.0 ng/mL            | LC/MS/MS | Validated            |
| Metformin   | Human Plasma      | 10.0 ng/mL            | LC/MS/MS | Validated            |
| Methazolamide   | Human Plasma      | 0.1000 µg/mL          | LC/MS/MS | Validated            |
| Methazolamide   | Human Whole Blood | 0.1000 µg/mL          | LC/MS/MS | Validated            |
| Methenamine   | Human Plasma      | 0.25 µg/mL            | LC/MS/MS | Validated            |
| Methenamine   | Human Plasma      | 0.075 µg/mL           | LC/MS/MS | Validated            |
| Methocarbamol   | Human Plasma      | 0.2 µg/mL             | LC/MS/MS | Validated            |
| Methotrexate  | Human Plasma      | 3.0 ng/mL             | LC/MS/MS | Validated            |
| Methotrexate  | Human Plasma      | 1.0 ng/mL             | LC/MS/MS | Validated            |
| Methylergonovine  | Human Plasma      | 0.5 ng/mL             | LC/MS/MS | Validated            |
| Methylmalonic acid  | Human Serum       | 10.0 ng/mL            | LC/MS/MS | Validated            |
| Methylphenidate   | Human Plasma      | 0.1 ng/mL             | LC/MS/MS | Validated            |
| Methylphenidate   | Human Whole Blood | 0.1000 ng/mL          | LC/MS/MS | Validated            |
| Methylprednisolone  | Human Plasma      | 1.0 ng/mL             | LC/MS/MS | Validated            |
| Methylprednisolone  | Human Plasma      | 0.2 ng/mL             | LC/MS/MS | Validated            |
| Metoclopramide  | Human Plasma      | 0.25 ng/mL            | LC/MS/MS | Validated            |
| Metolazone  | Human Plasma      | 0.25 ng/mL            | LC/MS/MS | Validated            |
| Metolazone  | Human Plasma      | 0.5 ng/mL             | LC/MS/MS | Validated            |
| Metoprolol  | Human Plasma      | 0.3 ng/mL             | LC/MS/MS | Validated            |
| Metronidazole   | Human Plasma      | 2.0 ng/mL             | LC/MS/MS | Validated            |
| Metronidazole   | Human Plasma      | 0.04 µg/mL            | LC/MS/MS | Validated            |
| Mexiletine  | Human Plasma      | 10.0 ng/mL            | LC/MS/MS | Validated            |
| Midodrine   | Human Plasma      | 0.2 ng/mL             | LC/MS/MS | Validated            |
| Midodrine and Desglymidodrine   | Human Plasma      | 0.25/0.125 ng/mL      | LC/MS/MS | Validated            |
| Midostaurin   | Human Plasma      | 6.0 ng/mL             | LC/MS/MS | Validated            |
| Midostaurin, 3-Hydroxy Midostaurin (Mixture of Diastereomers) and O-Desmethyl Midostaurin | Human Plasma      | 6.0/2.0/3.0 ng/mL     | LC/MS/MS | Validated            |
| Mifepristone  | Human Plasma      | 0.01 µg/mL            | LC/MS/MS | Validated            |
| Mifepristone, N-Desmethyl Mifepristone and Hydroxy Mifepristone                           | Human Plasma      | 0.01/0.01/0.002 µg/mL | LC/MS/MS | Validated            |



|   |              |                          |          |                      |
|---|--------------|--------------------------|----------|----------------------|
| Migalastat                                  | Human Plasma | -                        | LC/MS/MS | Under Development    |
| Miglustat                                   | Human Plasma | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Miltefosine                                 | Human Plasma | 50.0 ng/mL               | LC/MS/MS | Validated            |
| Minocycline                                 | Human Plasma | 20.0 ng/mL               | LC/MS/MS | Validated            |
| Minoxidil                                   | Human Serum  | 0.8 ng/mL                | LC/MS/MS | Validated            |
| Mirabegron                                  | Human Plasma | 0.05 ng/mL               | LC/MS/MS | Validated            |
| Mirtazapine                                 | Human Plasma | 0.25 ng/mL               | LC/MS/MS | Validated            |
| Misoprostol Acid                            | Human Plasma | 2.0 pg/mL                | LC/MS/MS | Validated            |
| Misoprostol High Range                      | Human Plasma | 7.5 pg/mL                | LC/MS/MS | Validated            |
| Misoprostol Low Range                       | Human Plasma | 5 ng/mL                  | LC/MS/MS | Validated            |
| Mitapivat                                   | Human Plasma | 4.0 ng/mL                | LC/MS/MS | Validated            |
| Modafinil                                   | Human Plasma | 0.05 µg/mL               | LC/MS/MS | Validated            |
| Mometasone Furoate                          | Human Plasma | -                        | LC/MS/MS | Under Development    |
| Monomethyl Fumarate                         | Human Plasma | 0.02 µg/mL               | LC/MS/MS | Validated            |
| Monteleukast                                | Human Plasma | 2.0 ng/mL                | LC/MS/MS | Validated            |
| Morphine and Morphine-6-Beta-D-Glucuronide  | Human Plasma | 0.500/0.500 ng/mL        | LC/MS/MS | Validated            |
| Morphine and Morphine-6-Beta-D-Glucuronide  | Human Plasma | 0.100/0.200 ng/mL        | LC/MS/MS | Validated            |
| Moxifloxacin                                | Human Plasma | 0.025 µg/mL              | LC/MS/MS | Validated            |
| Mycophenolate mofetil and Mycophenolic acid | Human Plasma | 0.02/50.0 ng/mL          | LC/MS/MS | Validated            |
| Mycophenolic Acid                           | Human Plasma | 0.1 µg/mL                | LC/MS/MS | Validated            |
| Nadolol                                     | Human Plasma | 1.0 ng/mL                | LC/MS/MS | Validated            |
| Naloxone and Naloxone 3-β Glucuronide       | Human Plasma | 1.0/ 25 pg/mL            | LC/MS/MS | Validated            |
| Naproxen                                    | Human Plasma | 0.2 µg/mL                | LC/MS/MS | Validated            |
| Nateglinide                                 | Human Plasma | 0.05 µg/mL               | LC/MS/MS | Validated            |
| NCE-1                                       | Human Plasma | 0.2 ng/mL                | LC/MS/MS | Validated            |
| NCE-1                                       | Human Plasma | 2.5 ng/mL                | LC/MS/MS | Validated            |
| NCE-1 In Urine                              | Human Urine  | 0.02 ng/mL               | LC/MS/MS | Validated            |
| NCE-1 Metabolite                            | Human Plasma | 0.1 ng/mL                | LC/MS/MS | Validated            |
| NCE-1 Metabolite in Urine                   | Human Urine  | 0.05 ng/mL               | LC/MS/MS | Validated            |
| NCE-2                                       | Human Plasma | 0.01 ng/mL               | LC/MS/MS | Validated            |
| Nebivolol                                   | Human Plasma | 0.04 ng/mL               | LC/MS/MS | Validated            |
| Neratinib                                   | Human Plasma | -                        | LC/MS/MS | Under Development    |
| Nevirapine                                  | Human Plasma | 0.03 µg/mL               | LC/MS/MS | Validated            |
| Niacin and Nicotinuric Acid                 | Human Plasma | 5.0/2.5 ng/mL            | LC/MS/MS | Validated            |
| Nicotine & Cotinine                         | Human Plasma | 0.1 ng/mL and 1.00 ng/mL | LC/MS/MS | Ready for Validation |
| Nifedipine                                  | Human Plasma | 0.5 ng/mL                | LC/MS/MS | Validated            |
| Nifedipine                                  | Human Plasma | 0.2 ng/mL                | LC/MS/MS | Validated            |
| Nilotinib                                   | Human Plasma | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Nintedanib                                  | Human Plasma | 0.3 ng/mL                | LC/MS/MS | Validated            |
| Nitisinone                                  | Human Plasma | 10 ng/mL                 | LC/MS/MS | Ready for Validation |
| Nitrofurantoin                              | Human Plasma | 5.0 ng/mL                | LC/MS/MS | Validated            |
| Nitrofurantoin                              | Human Plasma | 1.0 ng/mL                | LC/MS/MS | Validated            |
| Nitroglycerin                               | Human Plasma | TBD                      | LC/MS/MS | Under Consideration  |
| Norethindrone                               | Human Plasma | 0.1 ng/mL                | LC/MS/MS | Validated            |
| Norethindrone                               | Human Plasma | 0.2 ng/mL                | LC/MS/MS | Validated            |
| Norethindrone                               | Human Plasma | 0.05 ng/mL               | LC/MS/MS | Validated            |
| Norethindrone                               | Human Plasma | 4.0 pg/mL                | LC/MS/MS | Validated            |
| Norgestimate                                | Human Plasma | 1.0 pg/mL                | LC/MS/MS | Validated            |
| Norgestimate                                | Human Plasma | 20 pg/mL                 | LC/MS/MS | Ready for Validation |
| Norgestimate & 17-Desacetyl Norgestimate    | Human Plasma | 2.0/36.0 pg/mL           | LC/MS/MS | Revalidation Pending |
| Norgestimate and 17-Desacetyl Norgestimate  | Human Plasma | 1.0/15.0 pg/mL           | LC/MS/MS | Validated            |
| Nortriptyline and 10-Hydroxy Nortriptyline  | Human Plasma | 0.2/0.4 ng/mL            | LC/MS/MS | Validated            |
| Octreotide                                  | Human Plasma | 0.025 ng/mL              | LC/MS/MS | Validated            |
| Olanzapine                                  | Human Plasma | 0.1 ng/ml                | LC/MS/MS | Validated            |
| Olaparib                                    | Human Plasma | 0.05 µg/mL               | LC/MS/MS | Validated            |
| Olmesartan                                  | Human Plasma | 10.0 ng/mL               | LC/MS/MS | Validated            |
| Olopatadine                                 | Human Plasma | 0.05 ng/mL               | LC/MS/MS | Validated            |
| Omeprazole                                  | Human Plasma | 2.0 ng/mL                | LC/MS/MS | Validated            |
| Omeprazole                                  | Human Plasma | 5.0 ng/mL                | LC/MS/MS | Validated            |

|  |              |                      |          |                      |
|--|--------------|----------------------|----------|----------------------|
| Opicapone  | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Orphenadrine   | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Oseltamivir and Oseltamivir Carboxylic Acid  | Human Plasma | 0.5/5.0 ng/mL        | LC/MS/MS | Validated            |
| Osimertinib  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Ospemifene   | Human Serum  | 3.0 ng/mL            | LC/MS/MS | Validated            |
| Oxcarbazepine  | Human Plasma | 0.02 µg/mL           | LC/MS/MS | Validated            |
| Oxcarbazepine & 10,11-Dihydro-10-Hydroxy-Carbamazepine                                   | Human Plasma | 0.01/0.05 µg/mL      | LC/MS/MS | Validated            |
| Oxcarbazepine & 10,11-Dihydro-10-Hydroxy-Carbamazepine                                   | Human Plasma | 0.02/0.08 µg/mL      | LC/MS/MS | Validated            |
| Oxybutynin   | Human Plasma | 0.15 ng/mL           | LC/MS/MS | Validated            |
| Oxybutynin and Desethyl oxybutynin   | Human Plasma | 0.05/0.2 ng/mL       | LC/MS/MS | Validated            |
| Oxybutynin and N-Desethyl Oxybutynin   | Human Plasma | 0.15/0.3 ng/mL       | LC/MS/MS | Validated            |
| Oxycodone  | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Ready for Validation |
| Oxymorphone  | Human Plasma | -                    | LC/MS/MS | Under Consideration  |
| Palbociclib  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Paliperidone   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Palonosetron and Netupitant  | Human Plasma | 0.006/4.0 ng/mL      | LC/MS/MS | Validated            |
| Pantoprazole   | Human Plasma | 10.0 ng/mL           | LC/MS/MS | Validated            |
| Paroxetine   | Human Plasma | 0.05 ng/mL           | LC/MS/MS | Validated            |
| Pazopanib  | Human Plasma | 0.5 µg/mL            | LC/MS/MS | Validated            |
| Penciclovir  | Human Plasma | 0.02 µg/mL           | LC/MS/MS | Validated            |
| Pentoxifylline, Pentoxifylline metabolite I and 1-(3-Carboxypropyl)-3,7-Dimethylxanthine | Human Plasma | 1.0/3.0/5.0 ng/mL    | LC/MS/MS | Validated            |
| Perampanel   | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Perindopril / Perindoprilat  | Human Plasma | 0.5/0.2 ng/mL        | LC/MS/MS | Validated            |
| Perindopril and Perindoprilat  | Human Plasma | 0.5/0.2 ng/mL        | LC/MS/MS | Revalidation Pending |
| Perphenazine   | Human Plasma | 0.015 ng/mL          | LC/MS/MS | Validated            |
| Phenazopyridine  | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Phenazopyridine & 2,6 Diamino-5-phenylazo-pyridine-3-ol & acetaminophen                  | Human urine  | 6.0/100.0/60.0 ng/mL | LC/MS/MS | Revalidation Pending |
| Phentermine and Topiramate   | Human Plasma | -                    | LC/MS/MS | Under Consideration  |
| Phenylbutyrate   | Human Plasma | 0.16 µg/mL           | LC/MS/MS | Validated            |
| Phenylephrine  | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Phenytoin  | Human Plasma | 10.0 µg/mL           | LC/MS/MS | Validated            |
| Phosphorus   | Human Urine  | 25.0 µg/mL           | ICP-MS   | Validated            |
| Pimavanserin   | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Validated            |
| Pindolol   | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Pioglitazone, Hydroxy pioglitazone and Keto pioglitazone                                 | Human Plasma | 5.0/2.5/2.5 ng/mL    | LC/MS/MS | Validated            |
| Piperaquine  | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Pirfenidone  | Human Plasma | 0.05 µg/mL           | LC/MS/MS | Validated            |
| Piribedil  | Human Plasma | 0.006 ng/mL          | LC/MS/MS | Validated            |
| Pitavastatin   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Pitolisant   | Human Serum  | 0.10 ng/mL           | LC/MS/MS | Validated            |
| Pomalidomide   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Ponatinib  | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Posaconazole   | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Potassium  | Human Urine  | 100.0 µg/mL          | ICP-MS   | Validated            |
| Potassium  | Human urine  | 100.0 µg/mL          | ICP-OES  | Revalidation Pending |
| Pramipexole  | Human Plasma | 10.0 pg/mL           | LC/MS/MS | Validated            |
| Prasugrel active metabolite (R138727)  | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Prasugrel inactive metabolite (R95913)   | Human Plasma | 0.25 ng/mL           | LC/MS/MS | Validated            |
| Pravastatin  | Human Plasma | 0.4 ng/mL            | LC/MS/MS | Revalidation Pending |
| Prazosin   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Prazosin   | Human Plasma | 0.2 ng/mL            | LC/MS/MS | Validated            |
| Prednisolone   | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Prednisone and prednisolone  | Human Plasma | 0.2/2.0 ng/mL        | LC/MS/MS | Validated            |
| Pregabalin   | Human Plasma | 0.05 µg/mL           | LC/MS/MS | Validated            |
| Pregabalin   | Human Plasma | 0.01 µg/mL           | LC/MS/MS | Validated            |
| Primaquine and Carboxy Primaquine  | Human Plasma | 0.5/5.0 ng/mL        | LC/MS/MS | Validated            |
| Prochlorperazine   | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Progesterone   | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |

|   |                   |                        |          |                      |
|---|-------------------|------------------------|----------|----------------------|
| Progesterone  | Human Plasma      | 0.05 ng/mL             | LC/MS/MS | Validated            |
| Proguanil   | Human Plasma      | 1.0 ng/mL              | LC/MS/MS | Validated            |
| Promethazine  | Human Plasma      | 0.5 ng/mL              | LC/MS/MS | Validated            |
| Propafenone and 5-Hydroxy Propafenone                             | Human Plasma      | 0.2/0.1 ng/mL          | LC/MS/MS | Validated            |
| Propofol  | Human Plasma      | 0.005 µg/mL            | LC/MS/MS | Validated            |
| Propranolol and 4-Hydroxy Propranolol                             | Human Plasma      | 1.0/0.2 ng/mL          | LC/MS/MS | Validated            |
| Prucalopride  | Human Plasma      | 0.03 ng/mL             | LC/MS/MS | Validated            |
| Pyridostigmine  | Human Plasma      | 0.75 ng/mL             | LC/MS/MS | Validated            |
| Pyronaridine  | Human Whole Blood | -                      | LC/MS/MS | Under Development    |
| Quetiapine  | Human Plasma      | 1.0 ng/mL              | LC/MS/MS | Validated            |
| Quinine   | Human Plasma      | 0.015 µg/mL            | LC/MS/MS | Validated            |
| Rabeprazole   | Human Plasma      | 2.0 ng/mL              | LC/MS/MS | Validated            |
| Raloxifene, Raloxifene 4 glucuronide and Raloxifene 6 glucuronide | Human Plasma      | 0.01/4.0/0.8 ng/mL     | LC/MS/MS | Revalidation Pending |
| Ramipril  | Human Plasma      | 0.1 ng/mL              | LC/MS/MS | Validated            |
| Ramipril and Ramiprilat   | Human Plasma      | 0.1/0.1 ng/mL          | LC/MS/MS | Validated            |
| Ranitidine  | Human Plasma      | 10 ng/mL               | LC/MS/MS | Validated            |
| Ranolazine  | Human Plasma      | 5.0 ng/mL              | LC/MS/MS | Validated            |
| Rasagiline  | Human Plasma      | 0.01 ng/mL             | LC/MS/MS | Validated            |
| R-Desvenlafaxine & S-Desvenlafaxine                               | Human Plasma      | -                      | LC/MS/MS | Upcoming Product     |
| Regorafenib   | Human Plasma      | 5.0 ng/mL              | LC/MS/MS | Validated            |
| Remdesivir & GS-441524  | Human Plasma      | 20.0/1.0 ng/mL         | LC/MS/MS | Validated            |
| Repaglinide   | Human Plasma      | 0.2 ng/mL              | LC/MS/MS | Validated            |
| Ribavirin   | Human Plasma      | 20.0 ng/mL             | LC/MS/MS | Validated            |
| Ribavirin   | Human whole blood | 0.02 ug/mL             | LC/MS/MS | Validated            |
| Ribavirin   | Human Plasma      | 0.02 ug/mL             | LC/MS/MS | Validated            |
| Ribavirin Total   | Human whole blood | 0.2521 ng/mL           | LC/MS/MS | Validated            |
| Ribavirin Total   | Human Plasma      | 0.2521 ng/mL           | LC/MS/MS | Validated            |
| Ribavirin triphosphate  | Human Plasma      | 100 ng/mL              | LC/MS/MS | Under Consideration  |
| Ribavirin triphosphate  | Human Whole Blood | 100 ng/mL              | LC/MS/MS | Under Consideration  |
| Ribociclib  | Human Plasma      | 2.0 ng/mL              | LC/MS/MS | Validated            |
| Rifabutin   | Human Plasma      | 3.0 ng/mL              | LC/MS/MS | Validated            |
| Rifabutin   | Human Plasma      | 2 ng/mL                | LC/MS/MS | Validated            |
| Rifampin  | Human Plasma      | -                      | LC/MS/MS | Upcoming Product     |
| Rifaximin   | Human Plasma      | 0.01 ng/mL             | LC/MS/MS | Validated            |
| Rifaximin High Range  | Human Plasma      | 20.0 pg/mL             | LC/MS/MS | Validated            |
| Rifaximin Low Range   | Human Plasma      | 5.0 pg/mL              | LC/MS/MS | Validated            |
| Rilpivirine   | Human Plasma      | 0.5 ng/mL              | LC/MS/MS | Validated            |
| Riociguat   | Human Plasma      | 0.6 ng/mL              | LC/MS/MS | Validated            |
| Risperidone   | Human Plasma      | 0.1 ng/mL              | LC/MS/MS | Revalidation Pending |
| Ritonavir   | Human Plasma      | 5.0 ng/mL              | LC/MS/MS | Validated            |
| Rivaroxaban   | Human Plasma      | 1.0 ng/mL              | LC/MS/MS | Validated            |
| Rivastigmine  | Human Plasma      | 0.05 ng/mL             | LC/MS/MS | Validated            |
| Rivastigmine  | Human Plasma      | 50 pg/mL               | LC/MS/MS | Ready for Validation |
| Rizatriptan   | Human Plasma      | 0.1 ng/mL              | LC/MS/MS | Validated            |
| Roflumilast   | Human Plasma      | 0.08 ng/mL             | LC/MS/MS | Validated            |
| Rosuvastatin  | Human Plasma      | 0.5 ng/mL              | LC/MS/MS | Validated            |
| Rosuvastatin & N-Desmethyl Rosuvastatin                           | Human Plasma      | 0.1/0.4 ng/mL          | LC/MS/MS | Revalidation Pending |
| Rotigotine  | Human Plasma      | 4.0 pg/mL              | LC/MS/MS | Validated            |
| Roxithromycin   | Human Plasma      | 0.06 µg/mL             | LC/MS/MS | Validated            |
| R-Propranolol & S-Propranolol                                     | Human Plasma      | 0.2/0.3 ng/mL          | LC/MS/MS | Validated            |
| Rufinamide  | Human Plasma      | 20.0 ng/mL             | LC/MS/MS | Validated            |
| Ruxolitinib   | Human Plasma      | 2.0 ng/mL              | LC/MS/MS | Validated            |
| S-(+)-Manidipine and R-(-)-Manidipine                             | Human Plasma      | 0.05 (R)/0.05(S) ng/mL | LC/MS/MS | Validated            |
| Sacubitril and Valsartan  | Human Plasma      | 0.01/0.02 µg/mL        | LC/MS/MS | Validated            |
| Sacubitril and Valsartan  | Human Plasma      | 2.5/5.0 ng/mL          | LC/MS/MS | Validated            |
| Sacubitrilat  | Human Plasma      | 0.025 µg/mL            | LC/MS/MS | Validated            |
| Sacubritil  | Human Plasma      | 10.0 ng/mL             | LC/MS/MS | Validated            |
| Safinamide  | Human Plasma      | 5.0 ng/mL              | LC/MS/MS | Validated            |
| Salmeterol  | Human Plasma      | 1.0 pg/mL              | LC/MS/MS | Validated            |
| Salsalate   | Human Plasma      | 0.125 µg/mL            | LC/MS/MS | Validated            |
| Sapropterin   | Human Plasma      | 4.0 ng/mL              | LC/MS/MS | Validated            |

|   |              |                   |          |                      |
|---|--------------|-------------------|----------|----------------------|
| Scopolamine                                   | Human Plasma | 1.0 pg/mL         | LC/MS/MS | Validated            |
| Scopolamine                                   | Human Plasma | 1.0 pg/mL         | LC/MS/MS | Validated            |
| Selegiline                                    | Human Plasma | 35.00 pg/mL       | LC/MS/MS | Validated            |
| Selexipag                                     | Human Plasma | 0.05 ng/mL        | LC/MS/MS | Validated            |
| Selexipag and ACT-333679                      | Human Plasma | 0.2/0.2 ng/mL     | LC/MS/MS | Validated            |
| Selexipag and ACT-333679                      | Human Plasma | 0.05/0.05 ng/mL   | LC/MS/MS | Validated            |
| Semaglutide                                   | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Semaglutide                                   | Human Plasma | 0.8 ng/mL         | LC/MS/MS | Validated            |
| Sertraline                                    | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Sertraline and N-Desmethylsertraline          | Human Plasma | 0.5/0.5 ng/mL     | LC/MS/MS | Revalidation Pending |
| Sildenafil/N-desmethyl Sildenafil             | Human Plasma | 1.000 ng/mL       | LC/MS/MS | Validated            |
| Sildenafil                                    | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Sildenafil & Sildenafil Glucuronide           | Human Plasma | 0.2/0.3 ng/mL     | LC/MS/MS | Validated            |
| Simvastatin                                   | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Simvastatin                                   | Human Plasma | 0.03 ng/mL        | LC/MS/MS | Validated            |
| Simvastatin and Simvastatin Acid              | Human Plasma | 0.2/0.05 ng/mL    | LC/MS/MS | Validated            |
| Simvastatin and Simvastatin Acid              | Human Plasma | 0.03/0.01 ng/mL   | LC/MS/MS | Validated            |
| Sirolimus                                     | Human Blood  | 0.15 ng/mL        | LC/MS/MS | Validated            |
| Sitagliptin                                   | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Sofosbuvir and Sofosbuvir metabolite GS331007 | Human Plasma | 5.0/5.0 ng/mL     | LC/MS/MS | Validated            |
| Sofosbuvir and Velpatasvir                    | Human Plasma | 20.0/8.0 ng/mL    | LC/MS/MS | Validated            |
| Solifenacin                                   | Human Plasma | 0.1 ng/mL         | LC/MS/MS | Validated            |
| Sorafenib                                     | Human Plasma | 20.0 ng/mL        | LC/MS/MS | Validated            |
| Spironolactone                                | Human Plasma | 0.5 ng/mL         | LC/MS/MS | Validated            |
| Sulfadoxine and Pyrimethamine                 | Human Plasma | 1.5/0.004 µg/mL   | LC/MS/MS | Validated            |
| Sulfamethoxazole and Trimethoprim             | Human Plasma | 0.15/0.0065 µg/mL | LC/MS/MS | Validated            |
| Sulfasalazine & Sulfapyridine                 | Human Plasma | -                 | LC/MS/MS | Under Development    |
| Sumatriptan                                   | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Sunitinib                                     | Human Plasma | 0.6 ng/mL         | LC/MS/MS | Validated            |
| Sunitinib                                     | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Sunitinib                                     | Human Plasma | 0.06 ng/mL        | LC/MS/MS | Validated            |
| Tacrolimus                                    | Human Blood  | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Tadalafil                                     | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Tadalafil                                     | Human Plasma | 2.000 ng/mL       | LC/MS/MS | Validated            |
| Tafamidis                                     | Human Plasma | 0.025 µg/mL       | LC/MS/MS | Validated            |
| Tamoxifen                                     | Human Plasma | 0.5 ng/mL         | LC/MS/MS | Validated            |
| Tamsulosin                                    | Human Plasma | 0.2 ng/mL         | LC/MS/MS | Validated            |
| Telmisartan                                   | Human Plasma | 0.5 ng/mL         | LC/MS/MS | Validated            |
| Temazepam                                     | Human Plasma | 3.0 ng/mL         | LC/MS/MS | Validated            |
| Teneligliptin                                 | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Tenofovir                                     | Human Plasma | 3.0 ng/mL         | LC/MS/MS | Validated            |
| Tenofovir                                     | Human Plasma | 10.0 pg/mL        | LC/MS/MS | Validated            |
| Tenofovir Alafenamide                         | Human Plasma | 1.0 ng/mL         | LC/MS/MS | Validated            |
| Teriflunomide                                 | Human Plasma | 0.02 µg/mL        | LC/MS/MS | Validated            |
| Testosterone                                  | Human Serum  | 0.05000 ng/mL     | LC/MS/MS | Validated            |
| Tetrabenazine and Hydroxy Tetrabenazine       | Human Plasma | 0.005/0.5 ng/mL   | LC/MS/MS | Validated            |
| Thalidomide                                   | Human Plasma | 10.0 ng/mL        | LC/MS/MS | Validated            |
| Theophylline                                  | Human Plasma | 0.05 µg/mL        | LC/MS/MS | Validated            |
| Thiothixene                                   | Human Plasma | 0.05000 ng/mL     | LC/MS/MS | Validated            |
| Ticagrelor and AR-C124910XX                   | Human Plasma | 8.0/2.0 ng/mL     | LC/MS/MS | Validated            |
| Tiopronin                                     | Human Plasma | 0.05 µg/mL        | LC/MS/MS | Validated            |
| Tiotropium                                    | Human Plasma | 0.2000 pg/mL      | LC/MS/MS | Validated            |
| Tizanidine                                    | Human Plasma | 0.05 ng/mL        | LC/MS/MS | Validated            |
| Tizanidine                                    | Human Plasma | 0.1 ng/mL         | LC/MS/MS | Validated            |
| Tizoxanide                                    | Human Plasma | 0.1 µg/mL         | LC/MS/MS | Validated            |
| Tofacitinib                                   | Human Plasma | 0.5 ng/mL         | LC/MS/MS | Validated            |
| Tolterodine and 5-Hydroxy methyl tolterodine  | Human Plasma | 0.02/0.02 ng/mL   | LC/MS/MS | Validated            |
| Tolvaptan                                     | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Topiramate                                    | Human Plasma | 2.0 ng/mL         | LC/MS/MS | Validated            |
| Topiramate                                    | Human Plasma | 50.0 ng/mL        | LC/MS/MS | Validated            |
| Topiramate                                    | Human Plasma | 10.0 ng/mL        | LC/MS/MS | Validated            |
| Toremifene                                    | Human Plasma | 5.0 ng/mL         | LC/MS/MS | Validated            |
| Torse mide                                    | Human Plasma | -                 | LC/MS/MS | Under Consideration  |

|   |              |                      |          |                      |
|---|--------------|----------------------|----------|----------------------|
| Total Estrone   | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Total Iron for Ferric Carboxymaltose  | Human Serum  | 0.4 µg/mL            | ICP-MS   | Validated            |
| Total Iron for Iron Sucrose   | Human Serum  | 0.5000 µg/mL         | ICP-MS   | Validated            |
| Total Paclitaxel  | Human Plasma | 0.1 µg/mL            | LC/MS/MS | Validated            |
| Total Paclitaxel  | Human Plasma | 0.05 µg/mL           | LC/MS/MS | Validated            |
| Tramadol  | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Tramadol & O-Desmethyltramadol  | Human Plasma | 1.0/0.5 ng/mL        | LC/MS/MS | Revalidation Pending |
| Trametinib  | Human Plasma | 0.04 ng/mL           | LC/MS/MS | Validated            |
| Trandolapril and Trandolaprilat   | Human Plasma | 0.05/0.1 ng/mL       | LC/MS/MS | Validated            |
| Tranexamic acid   | Human Plasma | -                    | LC/MS/MS | Under Development    |
| Transferrin Bound Iron (TBI) (Iron Sucrose)                                       | Human Serum  | 0.3 µg/mL            | ICP-MS   | Validated            |
| Transferrin Bound Iron (TBI) for Ferumoxytol                                      | Human Serum  | 0.3 µg/mL            | ICP-MS   | Validated            |
| Transferrin Bound Iron for Ferric Carboxymaltose                                  | Human Serum  | 0.3 µg/mL            | ICP-MS   | Validated            |
| Trazodone   | Human Plasma | 4.0 ng/mL            | LC/MS/MS | Validated            |
| Trazodone   | Human Plasma | 20.0 ng/mL           | LC/MS/MS | Revalidation Pending |
| Trazodone and M-CPP   | Human Plasma | 10.0/0.5 ng/mL       | LC/MS/MS | Revalidation Pending |
| Treprostinil  | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Triamcinolone   | Human Plasma | -                    | LC/MS/MS | Under Consideration  |
| Triamcinolone Acetonide   | Human Plasma | 0.05 ng/mL           | LC/MS/MS | Validated            |
| Triamcinolone Acetonide   | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Triamterene   | Human Plasma | 3.0 ng/mL            | LC/MS/MS | Validated            |
| Triamterene and Hydrochlorothiazide   | Human Plasma | 2.0/0.5 ng/mL        | LC/MS/MS | Validated            |
| Triazolam   | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Validated            |
| Trichloroethanol High range   | Human Plasma | 0.1 µg/mL            | LC/MS/MS | Validated            |
| Trichloroethanol low range  | Human Plasma | 10 ng/mL             | LC/MS/MS | Validated            |
| Trientine / N1-Acetyl Trientine   | Human Plasma | 10/2.5 ng/mL         | LC/MS/MS | Validated            |
| Trientine Tetrahydrochloride  | Human Plasma | -                    | LC/MS/MS | Upcoming Product     |
| Trifluoperazine   | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Trimetazidine   | Human Plasma | 0.5 ng/mL            | LC/MS/MS | Validated            |
| Trospium  | Human Plasma | 0.04 ng/mL           | LC/MS/MS | Validated            |
| Trospium  | Human Plasma | 0.06 ng/mL           | LC/MS/MS | Validated            |
| Ubrogепant  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Ulipristal acetate  | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Ready for Validation |
| Ulipristal Acetate  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Revalidation Pending |
| Umeclidinium and Vilanterol   | Human Plasma | 1.000/2.000 pg/mL    | LC/MS/MS | Validated            |
| Unbound Paclitaxel  | Human Plasma | 5.0 ng/mL            | LC/MS/MS | Validated            |
| Unbound Paclitaxel  | Human Plasma | 1.0 ng/mL            | LC/MS/MS | Validated            |
| Unbound Saroglitazar (NCE-1)  | Human Plasma | 5.0 pg/mL            | LC/MS/MS | Validated            |
| Ursodiol  | Human Plasma | 0.1 µg/mL            | LC/MS/MS | Validated            |
| Ursodiol, Glycoursodeoxycholic acid (GUDCA) and Tauroursodeoxycholic acid (TUDCA) | Human Plasma | 0.1/0.07/0.002 µg/mL | LC/MS/MS | Validated            |
| Valacyclovir & Acyclovir  | Human Plasma | 3.0/40.0 ng/mL       | LC/MS/MS | Validated            |
| Valbenazine and α-Dihydrotribenazine  | Human Plasma | 9.0/0.3 ng/mL        | LC/MS/MS | Validated            |
| Valganciclovir  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Valganciclovir and Ganciclovir  | Human Plasma | 2.0/30.0 ng/mL       | LC/MS/MS | Validated            |
| Valproic Acid   | Human Plasma | 0.5 µg/mL            | LC/MS/MS | Validated            |
| Valsartan   | Human Plasma | 0.01 µg/mL           | LC/MS/MS | Validated            |
| Vancomycin  | Human Plasma | 0.5 µg/mL            | LC/MS/MS | Validated            |
| Vardenafil  | Human Plasma | 0.125 ng/mL          | LC/MS/MS | Validated            |
| Varenicline   | Human Plasma | 0.05 ng/mL           | LC/MS/MS | Validated            |
| Venetoclax  | Human Plasma | 4.0 ng/mL            | LC/MS/MS | Validated            |
| Venetoclax lower range  | Human Plasma | 2.000 ng/mL          | LC/MS/MS | Validated            |
| Venetoclax upper range  | Human Plasma | 2.000 ng/mL          | LC/MS/MS | Validated            |
| Venlafaxine   | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |
| Venlafaxine and O-Desmethylvenlafaxine  | Human Plasma | 2.0/3.0 ng/mL        | LC/MS/MS | Validated            |
| Verapamil and Norverapamil  | Human Plasma | 1.0/1.0 ng/mL        | LC/MS/MS | Validated            |
| Vericiguat  | Human Plasma | -                    | LC/MS/MS | Upcoming Product     |
| Vigabatrin  | Human Plasma | 0.2 µg/mL            | LC/MS/MS | Validated            |
| Vilazodone  | Human Plasma | 0.1 ng/mL            | LC/MS/MS | Validated            |
| Vildagliptin  | Human Plasma | 2.0 ng/mL            | LC/MS/MS | Validated            |

|                               |                   |                 |          |                      |
|-------------------------------|-------------------|-----------------|----------|----------------------|
| Viloxazine                    | Human Plasma      | 10.0 ng/mL      | LC/MS/MS | Validated            |
| Voclosporin                   | Human whole blood | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Voclosporine                  | Human Whole blood | 0.25 ng/mL      | LC/MS/MS | Validated            |
| Voriconazole                  | Human Plasma      | 10.0 ng/mL      | LC/MS/MS | Validated            |
| Vortioxetine                  | Human Plasma      | 0.05 ng/mL      | LC/MS/MS | Validated            |
| Voxelotor                     | Human Whole Blood | 0.2 µg/mL       | LC/MS/MS | Validated            |
| Warfarin                      | Human Plasma      | 10.0 ng/mL      | LC/MS/MS | Validated            |
| Zafirlukast                   | Human Plasma      | 2.0 ng/mL       | LC/MS/MS | Validated            |
| Zanubrutinib                  | Human Plasma      | 1.0 ng/mL       | LC/MS/MS | Validated            |
| Zidovudine and Lamivudine     | Human Plasma      | 6.0/6.0 ng/mL   | LC/MS/MS | Validated            |
| Zileuton                      | Human Plasma      | 0.03 µg/mL      | LC/MS/MS | Validated            |
| Ziprasidone                   | Human Plasma      | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Zolpidem                      | Human Plasma      | 1.0 ng/mL       | LC/MS/MS | Validated            |
| Zolpidem                      | Human Plasma      | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Zuclomiphene and Enclomiphene | Human Plasma      | 0.05/0.05 ng/mL | LC/MS/MS | Validated            |
| Acepromazine                  | Dog Plasma        | 1 ng/mL         | LC/MS/MS | Validated            |
| Afoxolaner                    | Dog plasma        | 10 ng/mL        | LC/MS/MS | Ready for Validation |
| Amoxicillin/Clavulanate Acid  | Cat Plasma        | 50/10 ng/mL     | LC/MS/MS | Validated            |
| Amoxicillin/Clavulanate Acid  | Dog Plasma        | 50/10 ng/mL     | LC/MS/MS | Validated            |
| Bupivacaine                   | Dog plasma        | 10.00 ng/mL     | LC/MS/MS | Validated            |
| Carprofen                     | Dog Plasma        | 0.1 µg/mL       | LC/MS/MS | Validated            |
| Cefpodoxime                   | Dog Plasma        | 0.375 µg/mL     | LC/MS/MS | Validated            |
| Chlorazepat                   | Dog plasma        | TBD             | LC/MS/MS | Under Development    |
| Clomipramine                  | Dog Plasma        | 2 ng/mL         | LC/MS/MS | Validated            |
| Cyclosporine                  | Dog Blood         | 5.0 ng/mL       | LC/MS/MS | Validated            |
| Cyclosporine                  | Cat Blood         | 5.0 ng/mL       | LC/MS/MS | Validated            |
| Deracoxib                     | Dog Plasma        | 5.0 ng/mL       | LC/MS/MS | Validated            |
| Enrofloxacin                  | Dog Plasma        | 10.0 ng/mL      | LC/MS/MS | Validated            |
| Enrofloxacin                  | Cat Plasma        | 10.0 ng/mL      | LC/MS/MS | Validated            |
| Firocoxib                     | Dog Plasma        | 1.0 ng/mL       | LC/MS/MS | Validated            |
| Firocoxib                     | Horse Plamsa      | 1.0 ng/mL       | LC/MS/MS | Validated            |
| Fluralaner                    | Dog plasma        | TBD             | LC/MS/MS | Under Development    |
| Furosemide                    | Dog Plasma        | 5.00 ng/mL      | LC/MS/MS | Validated            |
| Furosemide                    | Cat Plasma        | 5.00 ng/mL      | LC/MS/MS | Validated            |
| Grapiprant                    | Dog Serum         | 5 ng/mL         | LC/MS/MS | Validated            |
| Ivermectin                    | Dog Plasma        | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Ivermectin                    | Horse plasma      | 0.2 ng/mL       | LC/MS/MS | Validated            |
| Keto-trilostane               | Dog Plasma        | 5.000 ng/mL     | LC/MS/MS | Validated            |
| Levothyroxine                 | Dog Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |
| Lufenuron                     | Dog Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |
| Marbofloxacin                 | Dog Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |
| Marbofloxacin                 | Cat Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |
| Maropitant                    | Dog Plasma        | 1 ng/mL         | LC/MS/MS | Validated            |
| Meloxicam                     | Dog Plasma        | 5.0 ng/mL       | LC/MS/MS | Validated            |
| Methimazole                   | Dog Plasma        | 5.00ng/mL       | LC/MS/MS | Validated            |
| Methimazole High Range        | Dog Plasma        | 5.00ng/mL       | LC/MS/MS | Validated            |
| Methylprednisolone            | Dog Plasma        | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Methylprednisolone acetate    | Dog Plasma        | TBD             | LC/MS/MS | Under Consideration  |
| Milbemyxin Oxime A4 & A3      | Dog Plasma        | 4.0/0.85 ng/mL  | LC/MS/MS | Validated            |
| Milbemyxin Oxime A4 & A3      | Cat Plasma        | 4.0/0.85 ng/mL  | LC/MS/MS | Validated            |
| Mirtazapine                   | Cat Plasma        | 1.000 ng/mL     | LC/MS/MS | Validated            |
| Mirtazapine High Range        | Cat Plasma        | 1.000 ng/mL     | LC/MS/MS | Validated            |
| Moxidectin                    | Horse Plasma      | 0.5 ng/mL       | LC/MS/MS | Validated            |
| Moxidectin                    | Dog Plasma        | 0.1 ng/mL       | LC/MS/MS | Validated            |
| Nitroso Bumetanide            | Rat Plasma        | 25 pg/mL        | LC/MS/MS | Validated            |
| Nordiazepam                   | Dog plasma        | 5.0 ng/mL       | LC/MS/MS | Validated            |
| Omeprazole                    | Horse Plasma      | 1 ng/mL         | LC/MS/MS | Validated            |
| Pednisolone                   | Dog Plasma        | 0.2 ng/mL       | LC/MS/MS | Validated            |
| Pergolide                     | Horse Plamsa      | 50 pg/mL        | LC/MS/MS | Validated            |
| Pergolide high range          | Horse Plamsa      | 25 pg/mL        | LC/MS/MS | Validated            |
| Phenylpropanolamine           | Dog Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |
| Pimobendan                    | Dog Plasma        | 1.000 ng/mL     | LC/MS/MS | Validated            |
| Pimobendan                    | Dog Plasma        | 0.500 ng/mL     | LC/MS/MS | Validated            |
| Praziquantel                  | Dog Plasma        | 5 ng/mL         | LC/MS/MS | Validated            |

|                       |                 |               |          |                     |
|-----------------------|-----------------|---------------|----------|---------------------|
| Praziquantel          | Cat Plasma      | 5 ng/mL       | LC/MS/MS | Validated           |
| Praziquantel          | Horse plasma    | 1.0 ng/mL     | LC/MS/MS | Validated           |
| Propofol              | Dog Plasma      | 10 ng/mL      | LC/MS/MS | Under Consideration |
| Pyrantel              | Cat Plasma      | 1.00 ng/mL    | LC/MS/MS | Validated           |
| Rapamycin             | Dog Whole Blood | 0.5 ng/mL     | LC/MS/MS | Validated           |
| Rapamycin             | Cat Whole Blood | 0.5 ng/mL     | LC/MS/MS | Validated           |
| Ritonavir High range  | Cat Plasma      | 0.5000 ng/mL  | LC/MS/MS | Validated           |
| Ritonavir Low range   | Cat Plasma      | 0.1 000 ng/mL | LC/MS/MS | Validated           |
| Tremaprazine          | Dog Plasma      | 50 pg/mL      | LC/MS/MS | Validated           |
| Trilostane            | Dog Plasma      | 2.000 ng/mL   | LC/MS/MS | Validated           |
| Trilostane High range | Dog plasma      | 10.0 ng/mL    | LC/MS/MS | Validated           |

Last updated on 5th Jan 2025

[Back](#)

## Assay List - Large Molecules

| Analyte  | Matrix       | Sensitivity   | Method      |
|--|--------------|---------------|-------------|
| <b>Pharmacokinetics (PK) assay</b>                   |              |               |             |
| Etanercept   | Human Serum  | 100 ng/mL     | ELISA       |
| Trastuzumab  | Human Serum  | 312.5 ng/mL   | ELISA       |
| Adalimumab   | Human Serum  | 205.8 ng/mL   | ELISA       |
| Rituximab  | Human Serum  | 0.391 ng/mL   | ELISA       |
| Levothyroxine  | Human Serum  | 3.5 µg/dL     | ELISA       |
| Lio thyronine  | Human Serum  | 0.5 ng/mL     | ELISA       |
| Erythropoietin                                       | Human Serum  | 3.5 mIU/mL    | ELISA       |
| Bevacizumab  | Human Serum  | 200.0 ng/mL   | ELISA       |
| Pertuzumab   | Human Serum  | 490.0 ng/mL   | ELISA       |
| Nivolumab  | Human Serum  | 608.0 ng/mL   | ELISA       |
| Omalizumab   | Human Serum  | 18.75 ng/mL   | ELISA       |
| Denosumab  | Human Serum  | 31.25 ng/mL   | ELISA       |
| Follicle stimulating hormone (FSH)                   | Human Serum  | 30.0 pg/mL    | CMIA        |
| GCSF   | Human Serum  | 200.0 pg/mL   | ELISA       |
| Peg-GCSF   | Human Serum  | 200.0 pg/mL   | ELISA       |
| Teriparatide   | Human Plasma | 20.0 pg/mL    | ELISA       |
| Anti-Heparin-PF4                                     | Human Serum  | NA            | ELISA       |
| Vitamin B12  | Human Serum  | 80.0 pg/mL    | CMIA        |
| Vitamin B12  | Human Urine  | 80.0 pg/mL    | CMIA        |
| Growth Hormone                                       | Human Serum  | 2.5 ng/mL     | ELISA       |
| Anti-Propertin                                       | Human Serum  | 1453.4 ng/mL  | ELISA       |
| <b>Immunogenicity (ADA &amp; NAB) assay</b>          |              |               |             |
| Erythropoietin Anti-drug antibody (ADA) assay        | Human Serum  | 248.480 ng/mL | ELISA       |
| Rituximab Anti-drug antibody (ADA) assay             | Human Serum  | 59.000 ng/mL  | ELISA       |
| Bevacizumab Anti-drug antibody (ADA) assay           | Human Serum  | 51.000 ng/mL  | ELISA       |
| Adalimumab Anti-drug antibody (ADA) assay            | Human Serum  | 104.650 ng/mL | ELISA       |
| GCSF Anti-drug antibody (ADA) assay                  | Human Serum  | 10.000 ng/mL  | MSD-ECL     |
| Anti-Heparin-PF4                                     | Human Plasma | -             | ELISA       |
| Trastuzumab Anti-drug antibody (ADA) assay           | Human Serum  | 100.000 ng/mL | ELISA       |
| Bevacizumab Neutralizing antibody (NAb) assay        | Human Serum  | 452.000 ng/mL | ELISA       |
| Adalimumab Neutralizing antibody (NAb) assay         | Human Serum  | 500.000 ng/mL | Cell based  |
| Rituximab Neutralizing antibody (NAb) assay          | Human Serum  | -             | Cell based  |
| Rituximab Neutralizing antibody (NAb) assay          | Human Serum  | 750.000 ng/mL | ELISA       |
| Rituximab Anti-drug antibody (ADA) assay             | Human Serum  | 20.000 ng/mL  | MSD-ECL     |
| Pertuzumab Anti-drug antibody (ADA) assay            | Human Serum  | 75.000 ng/mL  | ELISA       |
| Nivolumab Anti-drug antibody (ADA) assay             | Human Serum  | 50.000 ng/mL  | MSD-ECL     |
| Peg G-CSF Anti-drug antibody (ADA) assay             | Human Serum  | 14.800 ng/mL  | MSD-ECL     |
| Peg Anti-drug antibody (ADA) assay                   | Human Serum  | 66.700 ng/mL  | ELISA       |
| Omalizumab Anti-drug antibody (ADA) assay            | Human Serum  | 20.70 ng/mL   | MSD-ECL     |
| Pertuzumab Neutralizing antibody (Nab) assay         | Human Serum  | 2.6 µg/mL     | MSD-ECL     |
| Denosumab Anti-drug antibody (ADA) assay             | Human Serum  | 20.00 ng/mL   | MSD-ECL     |
| Omalizumab Neutralizing antibody (Nab) assay         | Human Serum  | 166.0 ng/mL   | LBA-ELISA   |
| Denosumab Neutralizing antibody (Nab) assay          | Human Serum  | 312.50 ng/mL  | LBA-ELISA   |
| Growth Hormone Anti-Drug Antibody (ADA) Assay        | Human Serum  | 80.0 ng/mL    | ELISA       |
| Aflibercept-Anti-Drug Antibody (ADA) Assay           | Human Serum  | 136.0 ng/mL   | ELISA       |
| <b>Pharmacocodynamics (PD) assay</b>                 |              |               |             |
| Insulin Like Growth Factor-I (IGF-I)                 | Human Serum  | 0.094 ng/mL   | ELISA       |
| Growth Hormone                                       | Human Serum  | 75.0 pg/mL    | ELISA       |
| Tissue factor pathway inhibitor (TFPI)               | Human Plasma | 31.25 ng/mL   | ELISA       |
| Enoxaparin Sodium Anti Factor IIa                    | Human Plasma | 0.030 IU/mL   | Chromogenic |
| Enoxaparin Sodium Anti Factor Xa (Chromogenic assay) | Human Plasma | 0.050 IU/mL   | Chromogenic |



|  |              |                      |                       |
|--|--------------|----------------------|-----------------------|
| Enoxaparin sodium Anti Factor Xa (Clotting assay)      | Human Plasma | 0.075 IU/mL          | Clot based            |
| LMWH for APTT  | Human Plasma | NA                   | Clot based            |
| LMWH Anti Factor IIa                                   | Human Plasma | 0.020 IU/mL          | Chromogenic           |
| LMWH Anti Factor Xa                                    | Human Plasma | 0.050 IU/mL          | Chromogenic           |
| Hep test (LMWH by Anti-Xa)                             | Human Plasma | 0.075 IU/mL          | Clot based            |
| Her2   | Human Serum  | 78.1 pg/mL           | ELISA                 |
| Glucose  | Human Serum  | 25 mg/dL             | Chromogenic (GOD-POD) |
| Hemolytic potential of drug                            | Human blood  | -                    | Chromogenic           |
| Ghrelin  | Human Serum  | 46.875 pg/mL         | ELISA                 |
| Leptin   | Human Serum  | 2.000 ng/mL          | ELISA                 |
| Adiponectin  | Human Serum  | 0.1 ug/mL            | ELISA                 |
| Immunoglobulin G (IgG)                                 | Human Serum  | 3.0 g/L              | Turbidimetric         |
| Immunoglobulin M (IgM)                                 | Human Serum  | 0.4 g/L              | Turbidimetric         |
| Immunoglobulin A (IgA)                                 | Human Serum  | 0.6 g/L              | Turbidimetric         |
| LMWH HEP Test - EU                                     | Human Plasma | 0.100 IU/mL          | Clot based            |
| LMWH Anti Factor Xa (Chromogenic assay) - EU           | Human Plasma | 0.050 IU/mL          | Chromogenic           |
| LMWH Anti Factor IIa (Chromogenic assay) - EU          | Human Plasma | 0.030 IU/mL          | Chromogenic           |
| LMWH for APTT -EU                                      | Human Plasma | NA                   | Clot based            |
| In-Vitro Protein Flocculation                          | Human Plasma | NA                   | Chromogenic           |
| Platelet Activation                                    | Whole blood  | NA                   | Flow cytometry        |
| In-Vitro Hemolytic Index                               | Whole blood  | 0.025 mg/mL          | Colorimetric          |
| RBC Acetylcholinesterase                               | Whole blood  | 1.0 mU/mL            | Colorimetric          |
| In-Vitro drug Interference Study                       | Human Plasma | -                    | Clot based            |
| Ferritin   | Human Serum  | 15.625 ng/mL         | CMIA                  |
| Free IgE   | Human Serum  | 7.810 ng/mL          | ELISA                 |
| Total IgE  | Human Serum  | 62.5 ng/mL           | ELISA                 |
| CTX-I  | Human Serum  | 0.670 ng/mL          | ELISA                 |
| Classical Complement Pathway                           | Human Serum  | -                    | ELISA                 |
| Alternative Complement Pathway                         | Human Serum  | -                    | ELISA                 |
| Free-Propdin   | Human Serum  | 469.0 ng/mL          | ELISA                 |
| <b>Biomarkers</b>                                      |              |                      |                       |
| ACH(Acetylcholine)                                     | Human Serum  | 31.25 pg/mL          | ELISA                 |
| DA(Dopamine)   | Human Serum  | 62.5 pg/mL           | ELISA                 |
| EPI(Epinephrine/Adrenaline)                            | Human Serum  | 62.5 pg/mL           | ELISA                 |
| NA/NE(Noradrenaline/Norepinephrine)                    | Human Serum  | 0.63 ng/mL           | ELISA                 |
| ST/5-HT(Serotonin/5-Hydroxytryptamine)                 | Human Serum  | 31.25 ng/mL          | ELISA                 |
| Human MT (Melatonin)                                   | Human Serum  | 31.25 pg/mL          | ELISA                 |
| MDA(Malondialdehyde)                                   | Human Serum  | 62.5 ng/mL           | ELISA                 |
| 3-NT(3-Nitrotyrosine)                                  | Human Serum  | 3.13 ng/mL           | ELISA                 |
| 8-epi-PGF2α(8-Epi-Prostaglandin F2 Alpha), Isoprostane | Human Serum  | 31.25 pg/mL          | ELISA                 |
| Human SOD1 (Superoxide Dismutase 1, Soluble)           | Human Serum  | 125 pg/mL            | ELISA                 |
| Human MCP-1(Monocyte Chemotactic Protein 1)            | Human Serum  | 31.25 pg/mL          | ELISA                 |
| Human OxLDL(Oxidized Low Density Lipoprotein)          | Human Serum  | 62.5 pg/mL           | ELISA                 |
| Catalase   | Human Serum  | 31.25 pg/mL          | ELISA                 |
| Adiponectin  | Human Serum  | 4.90 - 9.10 µg/mL    | ELISA                 |
| Klotho   | Human Serum  | 0.31 - 20.0 ng/mL    | ELISA                 |
| Vitamin-C  | Human Serum  | 1.56 - 100 µg/mL     | ELISA                 |
| 1,25-dihydroxy vitamin D3                              | Human Serum  | 7.81 - 500.0 pg/mL   | ELISA                 |
| Oxytocin   | Human Serum  | 15.63 - 1000.0 pg/mL | ELISA                 |
| CD 19 count %  | Whole blood  | 0.0 - 95.5 %         | Flow cytometry        |
| Absolute CD 19 count                                   | Whole blood  | 0.0 – 63851 cell/µL  | Flow cytometry        |
| IL-2   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| IL-4   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| IL-6   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| IL-8   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| IL-10  | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| TNF-alfa   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| INF-gamma  | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| IL-1beta   | Serum        | 0.0 - 2500 pg/ml     | Flow cytometry        |
| CD34 count   | Whole blood  | -                    | Flow cytometry        |
| RF (Rheumatoid Factor)                                 | Human Serum  | 20 IU/mL             | Immuno Turbidimetric  |
| CRP (C-reactive protein)                               | Human Serum  | 0.10 mg/dL           | Immuno Turbidimetric  |

|  |                   |                                       |                                       |
|--|-------------------|---------------------------------------|---------------------------------------|
| Anti-CCP (cyclic citrullinated peptide)                | Human Serum       | 0.50 U/mL                             | CMIA                                  |
| <b>Cell Based In-vitro, Biomarker &amp; NAB assays</b> |                   |                                       |                                       |
| Adalimumab NAb assay                                   | Human Serum       | 500.0 ng/mL                           | Cell based/ Fluorescence              |
| Cytokine release assay                                 | PBMC              | NA                                    | Cell based/ Absorbance                |
| Rituximab NAb assay                                    | Human Serum       | 200.0 ng/mL                           | Cell based/ Luminescence              |
| NK Cell Activity assay                                 | Whole blood/ PBMC | NA                                    | Cell based/ Flow cytometry            |
| Pegfilgrastim Nab Assay                                | Human Serum       | 500.0 ng/mL                           | Cell based/ Luminescence              |
| <b>Vaccine</b>   |                   |                                       |                                       |
| Measles Virus IgG                                      | Serum             | 50 - 5000 mIU/mL                      | ELISA                                 |
| Mumps Virus IgG  | Serum             | 1 to 150 U/mL                         | ELISA                                 |
| Rubella Virus IgG                                      | Serum             | 10 - 500 IU/mL                        | ELISA                                 |
| Diphtheria toxoid IgG                                  | Serum             | 0.01 to 1.0 IU/mL                     | ELISA                                 |
| Bordetella Pertusis IgG                                | Serum             | 1 to 150 U/mL                         | ELISA                                 |
| Tetanus toxoid IgG                                     | Serum             | 0.1 to 5.0 IU/mL                      | ELISA                                 |
| Varicells Zoster Virus IgG                             | Serum             | 10 - 810 mIU/mL                       | ELISA                                 |
| Haemophilus Influenzae Type B IgG                      | Serum             | H1N1, H3N2, B/Yamagata,<br>B/Victoria | Haemagglutination inhibition<br>assay |
| Anti Hepatitis B Surface Antigen (HBs) IgG             | Serum             | 0 - 1000 mIU/mL                       | CMIA                                  |
| Anti-S Typhi Vi IgG                                    | Serum             | 7.4 - 600 U/mL                        | ELISA                                 |
| Anti HEV IgG   | Serum             | 0.156 - 10 U/mL                       | ELISA                                 |

Last updated on 5th Jan 2025

[Back](#)

## IVRT/IVPT Methods

| Analyte                                     | Strength                        | Method |
|---|---------------------------------|--------|
| Acyclovir                                   | 5% cream                        | IVRT   |
| Acyclovir                                   | 5% cream                        | IVPT   |
| Acyclovir                                   | 5% cream                        | IVPT   |
| Betamethasone dipropionate                  | 0.05% cream                     | IVRT   |
| Clindamycine Phosphate and Benzoyl Peroxide | (1.2%/5%) Gel                   | IVRT   |
| Clobetasol Propionate                       | 0.5% cream                      | IVRT   |
| Clobetasol Propionate                       | 0.5% cream                      | IVRT   |
| Clobetasol Propionate                       | 0.05% Ointment                  | IVRT   |
| Crisaborole                                 | 2% Ointment                     | IVRT   |
| Dapsone                                     | 5% Gel                          | IVRT   |
| Dapsone                                     | 5% Gel                          | IVPT   |
| Dapsone                                     | 7.5% Gel                        | IVPT   |
| Hydrocortisone                              | 1% cream                        | IVRT   |
| Hydrocortisone                              | 1% cream                        | IVPT   |
| Dapsone                                     | 5% Gel                          | IVPT   |
| Doxepin                                     | 5% Cream                        | IVRT   |
| Testosterone                                | 1.62% Gel                       | IVPT   |
| Nystatin Ointment                           | 100,000 USP Nystatin units/gram | IVRT   |
| Desonide                                    | 0.05% cream                     | IVRT   |
| Tretinoin                                   | 0.05% cream                     | IVRT   |
| Tretinoin                                   | 0.025% cream                    | IVRT   |
| Ammonium Lactate cream                      | 12% cream                       | IVRT   |
| Ammonium Lactate lotion                     | 12% Lotion                      | IVRT   |
| Metronidazole gel                           | 0.0075                          | IVRT   |

Last updated on 5th Jan 2025

[Back](#)