

List of Validated/Qualified Methods for Protein and Biochemical Biomarkers at XBL

| Compound (Metabolite) | Platform | Matrix | Sample Volume | Calibration Range | GLP |
|-----------------------------------|----------|--------------------|---------------|---------------------|-----|
| Human cardiac Troponin T | ELISA | Human Plasma | 100 µL | 49 - 12,000 pg/mL | Yes |
| Human G-CSF | ELISA | Rat plasma | 100 µL | 9.8 - 10,000 pg/mL | Yes |
| Human IFN-beta | MSD ECL | Cell culture media | 100 µL | 24.4 - 25,000 pg/mL | No |
| Human Insulin | MSD ECL | Human serum | 100 µL | 3.3 - 1402 µIU/mL | Yes |
| Human myeloperoxidase | ELISA | Human Plasma | 50 µL | 467 - 90,000 pg/mL | Yes |
| Mouse IFN gamma | MSD ECL | Cell culture media | 25 µL | 2.4 - 10000 pg/mL | No |
| Mouse IL-10 | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| Mouse IL-4 | MSD ECL | Cell culture media | 25 µL | 2.4 - 10000 pg/mL | No |
| Mouse IL-5 | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| Mouse IL-2 | ELISA | Cell culture media | 100 µL | 13 - 10,00 pg/mL | Yes |
| Mouse IL-2 | ELISA | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | Yes |
| TNF receptor II | MSD ECL | Cell culture media | 100 µL | 2.4 - 10,000 pg/mL | No |
| TNF- α | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| IL-12 | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| IL-1b | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| IL-17 | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| KC/GRO/CINC | MSD ECL | Cell culture media | 25 µL | 2.4 - 10,000 pg/mL | No |
| Pegasys (peg interferon alpha-2a) | MSD ECL | Human serum | 25 µL | 0.2 - 102.4 ng/mL | Yes |
| Humira (adalimumab) | ELISA | Monkey serum | 100 µL | 1.85 - 250 ng/mL | No |