

## **FY22 Biomarkers Core Lab Price List (Sample Processing only)**

**More information is available at the Biomarkers Core iLab website:**

**[https://cumc.corefacilities.org/service\\_center/show\\_external/4538](https://cumc.corefacilities.org/service_center/show_external/4538)**

(Prices are in effect from July 1, 2021 through June 30, 2022 and change every year.)

(Project cost estimates should be requested from the core prior to all budget submissions.)

**Irving Institute for Clinical and Translational Research**

**NewYork-Presbyterian Columbia University Irving Medical Center**

| <b>FY22 Assays</b>                                                | <b>Lab Fee p/Sample</b> |
|-------------------------------------------------------------------|-------------------------|
| <b>Kit cost is not included for ELISA, RIA and Luminex assays</b> |                         |
| 8-OHdG, Urine (ELISA)                                             | \$5.62                  |
| Acetaminophen (INT)                                               | \$11.27                 |
| Acetoacetate (Colorimetric)                                       | \$6.84                  |
| Acyated Ghrelin (ELISA)                                           | \$10.65                 |
| Adiponectin (RIA)                                                 | \$11.52                 |
| ADMA (ELISA)                                                      | \$7.43                  |
| Adrenocorticotrophic Hormone (ACTH) (ELISA)                       | \$10.92                 |
| Advanced Glycosylation Endproduct (AGE-CML) (ELISA)               | \$7.44                  |
| Albumin, Serum (INT)                                              | \$4.91                  |
| Albumin, Urine (INT)                                              | \$11.10                 |
| Alpha 1-Antichymotrypsin (AACT) (ELISA)                           | \$5.75                  |
| Alpha 2-macroglobulin (ELISA)                                     | \$7.43                  |
| Alpha-Synuclein (ELISA)                                           | \$10.92                 |
| Amylase, Saliva (Enzymatic)                                       | \$5.75                  |
| Amyloid Precursor Protein BCTF (ELISA)                            | \$10.92                 |
| Androstenedione (IMM)                                             | \$8.21                  |
| Angiopietin-1 (ANG1) (ELISA)                                      | \$10.92                 |
| Angiopietin-2 (ANG2) (ELISA)                                      | \$7.44                  |
| Angiotensin (ELISA)                                               | \$10.92                 |
| Anti-Mullerian Hormone (AMH) (ELISA)                              | \$10.92                 |
| Apolipoprotein A1 (Apo AI) (INT)                                  | \$9.82                  |
| Apolipoprotein AII (Apo AII) (INT)                                | \$6.13                  |
| Apolipoprotein B (Apo B) (ELISA)                                  | \$10.64                 |
| Apolipoprotein B (Apo B) (INT)                                    | \$7.94                  |
| Apolipoprotein B48 (Apo B48) (ELISA)                              | \$7.26                  |
| Apolipoprotein CII (Apo CII) (ELISA)                              | \$9.65                  |
| Apolipoprotein CIII (Apo CIII) (ELISA)                            | \$6.55                  |
| Apolipoprotein CIII (Apo CIII) (INT)                              | \$6.82                  |
| Apolipoprotein E (Apo E) (ELISA)                                  | \$10.67                 |
| Apolipoprotein E (Apo E) (INT)                                    | \$8.10                  |
| Beta Nerve Growth Factor (Beta-NGF) (ELISA)                       | \$5.75                  |
| Beta-Hydroxybutyrate (Colorimetric)                               | \$7.43                  |
| Bone Tartrate Resistant Acid Phosphatase (Bone TRAcP) (ELISA)     | \$10.92                 |
| Bone-specific Alkaline Phosphatase (BoneALP) (ELISA)              | \$10.92                 |
| Brain Derived Neurotrophic Factor-Active (BDNF-A) (ELISA)         | \$10.92                 |
| Brain Derived Neurotrophic Factor-Mature (BDNF-M) (ELISA)         | \$7.44                  |
| Brain Derived Neurotrophic Factor-Pro (BDNF-P) (ELISA)            | \$10.92                 |
| Brain Derived Neurotrophic Factor-Total (BDNF) (ELISA)            | \$7.44                  |

| <b>FY22 Assays</b>                                          | <b>Lab Fee p/Sample</b> |
|-------------------------------------------------------------|-------------------------|
| Brain Natriuretic Peptide (BNP) (ELISA)                     | \$10.92                 |
| BUN (INT)                                                   | \$4.21                  |
| Calcium, Serum (INT)                                        | \$4.73                  |
| Calcium, Urine (INT)                                        | \$4.42                  |
| Carboxymethyl Lysine CML (ELISA)                            | \$10.37                 |
| Carboxyterminal Telopeptide of Type I Collagen (ICTP) (RIA) | \$9.80                  |
| Caspase-1/ICE (ELISA)                                       | \$7.44                  |
| Cathelicidin (LL-37) (ELISA)                                | \$7.43                  |
| CCK (ELISA)                                                 | \$10.92                 |
| CCL11/Eotaxin (ELISA)                                       | \$7.44                  |
| CCL17/TARC (ELISA)                                          | \$7.29                  |
| CCL18/PARC (ELISA)                                          | \$5.75                  |
| CCP3 IgG (ELISA)                                            | \$10.92                 |
| CD14 soluble (ELISA)                                        | \$10.92                 |
| CD163 soluble (ELISA)                                       | \$10.92                 |
| CD30 (ELISA)                                                | \$7.09                  |
| Cholesterol (INT)                                           | \$4.05                  |
| Corticosteroid Binding Globulin (Transcortin) (ELISA)       | \$7.44                  |
| Corticosterone (RIA)                                        | \$9.18                  |
| Corticotropin Releasing Hormone (CRH) (ELISA)               | \$7.44                  |
| Cortisol (IMM)                                              | \$6.19                  |
| Cortisol, Saliva (ELISA)                                    | \$7.44                  |
| C-Peptide (ELISA)                                           | \$5.62                  |
| C-peptide (IMM)                                             | \$6.39                  |
| C-peptide (RIA)                                             | \$9.80                  |
| Creatinine, Serum (INT)                                     | \$4.04                  |
| Creatinine, Urine (INT)                                     | \$5.30                  |
| CRP (ELISA)                                                 | \$5.62                  |
| CRP, Saliva (ELISA)                                         | \$8.91                  |
| CRPhs (INT)                                                 | \$8.81                  |
| C-terminal Telopeptide (CTx) Serum (ELISA)                  | \$5.22                  |
| CXCL 10/IP10 (ELISA)                                        | \$7.44                  |
| CXCL2 (ELISA)                                               | \$7.44                  |
| Cystatin C (INT)                                            | \$12.65                 |
| D-Dimer (ELISA)                                             | \$10.45                 |
| DHEA-S (IMM)                                                | \$7.52                  |
| DHEA-S, Saliva (ELISA)                                      | \$7.11                  |
| DKK-1 (ELISA)                                               | \$10.65                 |
| Endoglin (ELISA)                                            | \$7.44                  |
| Endothelin-1 (ELISA)                                        | \$8.22                  |
| e-Selectin (ELISA)                                          | \$7.44                  |
| Estradiol (IMM)                                             | \$7.32                  |
| FABP-4 (ELISA)                                              | \$10.92                 |
| FGF-19 (ELISA)                                              | \$10.37                 |
| FGF-21 (ELISA)                                              | \$8.79                  |
| FGF-23 C-Term (ELISA)                                       | \$10.92                 |
| FGF-Basic (ELISA)                                           | \$7.44                  |
| FGF-Intact (ELISA)                                          | \$10.37                 |
| Fibrinogen (ELISA)                                          | \$10.92                 |
| Fructosamine (INT)                                          | \$5.33                  |

| <b>FY22 Assays</b>                                      | <b>Lab Fee p/Sample</b> |
|---------------------------------------------------------|-------------------------|
| FSH (IMM)                                               | \$6.29                  |
| Galectin-1 (ELISA)                                      | \$7.29                  |
| Galectin-3 (ELISA)                                      | \$7.44                  |
| Gastric Inhibitory Polypeptide (GIP) (ELISA)            | \$10.92                 |
| GDF-15 (ELISA)                                          | \$7.44                  |
| GH (IMM)                                                | \$7.24                  |
| Ghrelin (ELISA)                                         | \$10.65                 |
| Ghrelin (RIA)                                           | \$9.80                  |
| Glucagon (ELISA)                                        | \$10.92                 |
| Glucagon (RIA)                                          | \$8.56                  |
| Glucagon (RIA)                                          | \$8.56                  |
| Glucagon Like Peptide-1 (ELISA)                         | \$7.43                  |
| Glucose (INT)                                           | \$3.38                  |
| Glycerol (Colorimetric)                                 | \$5.75                  |
| Guanylate cyclase activator 2a (GUCA2A) (ELISA)         | \$7.44                  |
| HbA1c (INT)                                             | \$11.41                 |
| HDL-C (INT)                                             | \$5.97                  |
| Hepcidin (ELISA)                                        | \$10.92                 |
| HGF (ELISA)                                             | \$7.44                  |
| HMGB1 (ELISA)                                           | \$7.43                  |
| Homocysteine (INT)                                      | \$14.78                 |
| Human Chorionic Gonadotropin Hormone (hCG) (IMM)        | \$7.04                  |
| IGF-1 (IMM)                                             | \$11.23                 |
| IGFBP-3 (ELISA)                                         | \$10.92                 |
| IGFBP-3 (IMM)                                           | \$11.23                 |
| IL-10 (IMM)                                             | \$6.99                  |
| IL-10 HS (ELISA)                                        | \$7.29                  |
| IL-18 (ELISA)                                           | \$8.79                  |
| IL-1b (ELISA)                                           | \$8.79                  |
| IL-1b (IMM)                                             | \$6.99                  |
| IL-2 (ELISA)                                            | \$10.65                 |
| IL-4 HS (ELISA)                                         | \$5.62                  |
| IL-6 (ELISA)                                            | \$7.44                  |
| IL-6 (IMM)                                              | \$6.99                  |
| IL-6, Saliva (ELISA)                                    | \$10.45                 |
| IL-8 (IMM)                                              | \$6.99                  |
| Insulin (IMM)                                           | \$6.87                  |
| Insulin (RIA)                                           | \$9.18                  |
| Insulin Mercodia (ELISA)                                | \$7.43                  |
| Intercellular Adhesion Molecule-1 (ICAM-1/CD54) (ELISA) | \$7.51                  |
| Intestinal Fatty Acid-Binding Protein (I-FABP) (ELISA)  | \$7.51                  |
| Irisin (ELISA)                                          | \$10.65                 |
| Lactate (INT)                                           | \$7.31                  |
| LDL-C direct (INT)                                      | \$11.57                 |
| Leptin (RIA)                                            | \$9.80                  |
| Leukotriene B4 (LTB4) (ELISA)                           | \$10.37                 |
| LH (IMM)                                                | \$6.29                  |
| Lipopolysaccharide Binding Protein (LBP) (ELISA)        | \$10.92                 |
| Lipopolysaccharide (LPS) (Endotoxin) (ELISA)            | \$11.51                 |
| Lipoprotein (a) (Lpa) (INT)                             | \$9.23                  |

| <b>FY22 Assays</b>                                         | <b>Lab Fee p/Sample</b> |
|------------------------------------------------------------|-------------------------|
| Luminex-10                                                 | \$564.72/plate          |
| Luminex-20                                                 | \$663.88/plate          |
| Luminex-30                                                 | \$757.82/plate          |
| Luminex-40                                                 | \$846.55/plate          |
| Luminex-50                                                 | \$930.05/plate          |
| Luminex-60                                                 | \$1008.34/plate         |
| Luminex-Read Only                                          | \$213.57/plate          |
| Matrilysin (MMP-7 Total) (ELISA)                           | \$10.92                 |
| MCAM/CD146 (ELISA)                                         | \$10.92                 |
| MMP-7 (ELISA)                                              | \$10.92                 |
| Myoglobin (IMM)                                            | \$8.48                  |
| Neopterin (ELISA)                                          | \$7.43                  |
| Nerve Growth Factor (NGF) (ELISA)                          | \$5.75                  |
| Neuron Specific Enolase (NSE) (ELISA)                      | \$7.09                  |
| Neuropeptide Y (NPY) (ELISA)                               | \$7.09                  |
| NGAL (ELISA)                                               | \$7.09                  |
| NGAL (INT)                                                 | \$9.28                  |
| Non-Esterfied Fatty Acid (NEFA) (ELISA)                    | \$9.99                  |
| N-telopeptide (NTx) (ELISA)                                | \$10.92                 |
| NT-proBNP (ELISA)                                          | \$7.43                  |
| Orexin A (ELISA)                                           | \$7.43                  |
| Osteocalcin (ELISA)                                        | \$5.22                  |
| Osteocalcin Undercarboxylated (ELISA)                      | \$7.28                  |
| Osteoprotegerin (OPG) (ELISA)                              | \$12.49                 |
| Oxidized LDL (ELISA)                                       | \$7.43                  |
| Oxytocin (ELISA)                                           | \$10.92                 |
| Pancreatic Polypeptide (PP) (ELISA)                        | \$10.92                 |
| PCSK 9 (ELISA)                                             | \$7.24                  |
| PDGF-BB (ELISA)                                            | \$10.92                 |
| Pentosidine (ELISA)                                        | \$10.37                 |
| Peptide YY (PYY) (RIA)                                     | \$9.27                  |
| Placenta Growth Factor (PLGF) (ELISA)                      | \$7.44                  |
| Plasminogen Activator Inhibitor (PAI-1) (ELISA)            | \$7.44                  |
| proBrain Natriuretic Peptide (proBNP) (ELISA)              | \$10.92                 |
| Procollagen I intact N-terminal (P1NP) (RIA)               | \$9.80                  |
| Procollagen I intact N-terminal (P1NP) Mouse (ELISA)       | \$10.37                 |
| Progesterone (IMM)                                         | \$6.79                  |
| Prolactin (IMM)                                            | \$7.32                  |
| P-Selectin soluble (ELISA)                                 | \$7.44                  |
| PTH-1-34 (ELISA)                                           | \$10.92                 |
| PTH-Intact (IMM)                                           | \$7.82                  |
| PTH-Whole (RIA)                                            | \$9.80                  |
| Pyridinoline, Mouse (ELISA)                                | \$7.06                  |
| RANKL (Total) (ELISA)                                      | \$10.92                 |
| Receptor for Advanced Glycation End product (RAGE) (ELISA) | \$7.44                  |
| RF IgM (ELISA)                                             | \$10.92                 |
| S100 Calcium Binding Protein (ELISA)                       | \$7.44                  |
| S100B (ELISA)                                              | \$10.92                 |
| Sclerostin (ELISA)                                         | \$5.22                  |
| SHBG (IMM)                                                 | \$8.19                  |

| <b>FY22 Assays</b>                                       | <b>Lab Fee p/Sample</b> |
|----------------------------------------------------------|-------------------------|
| ST2/IL-33R (ELISA)                                       | \$10.37                 |
| Surfactant protein D (SP-D) (ELISA)                      | \$10.92                 |
| T3 free (IMM)                                            | \$6.82                  |
| T3 total (IMM)                                           | \$6.12                  |
| T4 free (IMM)                                            | \$6.79                  |
| T4 total (IMM)                                           | \$6.10                  |
| TBG (IMM)                                                | \$6.82                  |
| Testosterone (IMM)                                       | \$7.31                  |
| TGF-beta 1 (ELISA)                                       | \$7.29                  |
| Thiobarbituric Acid Reactive Substances (TBARS) (ELISA)  | \$7.44                  |
| TNF RI Soluble (ELISA)                                   | \$7.44                  |
| TNF RII Soluble (ELISA)                                  | \$7.44                  |
| TNF-a (ELISA)                                            | \$10.92                 |
| TNF-a (IMM)                                              | \$6.02                  |
| Total Antioxidant Capacity (TAC) (Colorimetric)          | \$5.75                  |
| TPO Antibodies (IMM)                                     | \$6.54                  |
| Transferrin (ELISA)                                      | \$10.92                 |
| Transforming Growth Factor-beta (TGF-B) (ELISA)          | \$10.92                 |
| Triglycerides (INT)                                      | \$4.17                  |
| Troponin 1 HS (TNNI3) (ELISA)                            | \$10.92                 |
| Troponin I (IMM)                                         | \$8.21                  |
| TSH (IMM)                                                | \$7.31                  |
| Unacylated Ghrelin (ELISA)                               | \$10.65                 |
| Uric acid (INT)                                          | \$4.21                  |
| Urokinase plasminogen activator receptor (uPAR) (ELISA)  | \$7.44                  |
| Vascular cell adhesion protein 1 (VCAM1) soluble (ELISA) | \$7.44                  |
| VEGF (ELISA)                                             | \$7.44                  |
| VEGF R1 soluble (ELISA)                                  | \$7.44                  |
| VIP (ELISA)                                              | \$7.44                  |
| Vitamin D Binding protein (VDBP) (ELISA)                 | \$10.92                 |
| Zonulin (ELISA)                                          | \$7.43                  |

- ALL ELISA, RIA, Luminex, and some Immulite and Integra kits are purchased directly by the Investigator from the supplier. The Biomarkers Core Lab will provide the supplier's name, website, and the catalog # for the kit that needs to be ordered for each assay. The prices of the kits are determined by the suppliers, and are subject to be changed at their discretion.

- If you do not see an assay on this page that you would like to have run or developed by the Biomarkers Core Lab, please inquire with Dr. Nandakumar, the lab Director.

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