

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
Sample Processing - Lvl. 1 (< 15 min.)	\$16.75		\$16.75
Sample Processing - Lvl. 2 (15-30 min.)	\$27.75		\$27.75
Sample Processing - Lvl. 3 (30-60 min.)	\$50.00		\$50.00
Sample Processing - Lvl. 4 (60 min. <)	\$83.00		\$83.00
13C Fatty Acyl Composition (de novo lipogenesis) (LCMS)	\$112.98		\$112.98
ACY-1215 (LCMS)	\$42.05		\$42.05
Acylcarnitines Panel, liquid (LCMS)	\$49.08		\$49.08
Adiponectin (RIA)	\$7.84	\$10.24	\$18.08
Advanced Glycosylation Endproduct (AGE-CML) (ELISA)	\$6.11	\$18.38	\$24.49
Alpha-Synuclein (ELISA)	\$8.97	Inquire	Inquire
Amino Acids (LCMS)	\$69.11		\$69.11
Amyloid Precursor Protein βCTF (ELISA)	\$8.97	\$15.51	\$24.49
Androstenedione (IMM)	\$6.89		\$6.89
Angiopietin-1 (ANG1) (ELISA)	\$8.97	\$14.03	\$23.00
Angiopietin-2 (ANG2) (ELISA)	\$6.11	\$13.22	\$19.33
Anti-Mullerian Hormone (AMH) (ELISA)	\$8.97	\$17.92	\$26.89
Apo-Carotenoid, plasma (LCMS)	\$43.73		\$43.73
Apo-Carotenoid, tissue (LCMS)	\$62.49		\$62.49
Apolipoprotein A1 (Apo AI) (INT)	\$7.76		\$7.76
Apolipoprotein AII (Apo AII) (INT)	\$4.89		\$4.89
Apolipoprotein B (Apo B) (ELISA)	\$8.97	\$7.70	\$16.68
Apolipoprotein B (Apo B) (INT)	\$6.27		\$6.27
Apolipoprotein B48 (Apo B48) (ELISA)	\$6.11	\$19.05	\$25.17
Apolipoprotein CII (Apo CII) (ELISA)	\$8.12	Inquire	Inquire
Apolipoprotein CIII (Apo CIII) (ELISA)	\$5.54	Inquire	Inquire
Apolipoprotein CIII (Apo CIII) (INT)	\$5.47		\$5.47
Apolipoprotein CIII (Apo CIII) (LCMS)	\$62.95		\$62.95
Apolipoprotein E (Apo E) (ELISA)	\$8.97	Inquire	Inquire
Apolipoprotein E (Apo E) (INT)	\$6.56		\$6.56
AR-12, liquid (LCMS)	\$46.00		\$46.00
AR-12, solid (LCMS)	\$64.63		\$64.63
Beta Amyloid I-40 (ELISA)	\$6.11	\$15.54	\$21.65
Beta Amyloid I-42 (ELISA)	\$6.11	\$15.54	\$21.65
Beta-Hydroxybutyrate (ELISA)	\$4.68	Inquire	Inquire
Bile Acids, Serum (LCMS)	\$49.59		\$49.59
Bile Acids, Stool (LCMS)	\$82.15		\$82.15
Bile Acids, Tissue (LCMS)	\$82.15		\$82.15
Biogenic Amines (LCMS)	\$44.71		\$44.71
Bone Tartrate Resistant Acid Phosphatase (Bone TRAcP) (ELISA)	\$8.97	\$20.27	\$29.24
Bone-specific Alkaline Phosphatase (BoneALP) (ELISA)	\$8.97	\$16.21	\$25.19
Bortezomib, plasma (LCMS)	\$44.58		\$44.58
Bortezomib, tissue (LCMS)	\$63.34		\$63.34
Brain Derived Neurotrophic Factor (BDNF) (ELISA)	\$6.11	\$14.03	\$20.14
Brain Natriuretic Peptide (BNP) (ELISA)	\$8.97	\$12.49	\$21.46
BUN (INT)	\$3.35		\$3.35
C3a (ELISA)	\$6.11	\$16.43	\$22.55

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
C4a (ELISA)	\$6.11	\$16.43	\$22.55
C5a (ELISA)	\$6.11	\$16.43	\$22.55
Calcium, serum (INT)	\$3.70		\$3.70
Calcium, urine (INT)	\$3.44		\$3.44
Carboxyterminal Telopeptide of Type I Collagen (ICTP) (RIA)	\$9.13		\$9.13
Caspase-1/ICE (ELISA)	\$6.11	Inquire	Inquire
CCL11/Eotaxin (ELISA)	\$6.11	\$13.76	\$19.87
CCL17/TARC (ELISA)	\$5.96	\$0.00	\$5.96
CCP3 IgG (ELISA)	\$8.97	\$16.22	\$25.19
CD14, soluble (ELISA)	\$8.97	\$12.95	\$21.92
CD163, soluble(ELISA)	\$8.97	\$13.76	\$22.73
CD30 (ELISA)	\$5.81	Inquire	Inquire
Ceramide-1p, plasma (LCMS)	\$44.48		\$44.48
Ceramide-1p, tissue (LCMS)	\$63.24		\$63.24
Ceramides (LCMS)	\$44.01		\$44.01
Cholesterol (INT)	\$3.19		\$3.19
Collagen Crosslinks (LCMS)	\$45.76		\$45.76
Corticosteroid Binding Globulin (Transcortin) (ELISA)	\$6.11	\$14.73	\$20.84
Corticotropin Releasing Hormone (CRH) (ELISA)	\$6.11	\$18.92	\$25.03
Cortisol (IMM)	\$5.19		\$5.19
Cortisol, saliva (ELISA)	\$8.97	\$6.49	\$15.46
Cortisol, saliva (LCMS)	\$48.01		\$48.01
Cortisol, urine (LCMS)	\$50.76		\$50.76
C-peptide (IMM)	\$5.34		\$5.34
Creatinine, serum (INT)	\$3.18		\$3.18
Creatinine, urine (INT)	\$4.18		\$4.18
CRPhs (INT)	\$6.96		\$6.96
C-terminal Telopeptide (CTx), Serum (ELISA)	\$3.48	\$17.60	\$21.08
CXCL 10 / IP10 (ELISA)	\$6.11	\$13.76	\$19.87
CXCL2 (ELISA)	\$6.11	\$15.54	\$21.65
Cystatin C (INT)	\$10.44		\$10.44
D-Dimer (ELISA)	\$8.52	\$12.49	\$21.01
DHEA, serum (LCMS)	\$47.01		\$47.01
DHEA-S (IMM)	\$6.32		\$6.32
DHT, Testosterone, serum (LCMS)	\$48.26		\$48.26
DHT, Testosterone, tissue (LCMS)	\$65.15		\$65.15
Dihydroceramide (LCMS)	\$43.96		\$43.96
DNA DeMethylation (LCMS)	\$25.17		\$25.17
Dofetilide (LCMS)	\$36.37		\$36.37
Endocannabinoids (LCMS)	\$47.46		\$47.46
Endoglin (ELISA)	\$6.11	\$14.03	\$20.14
Endothelin-1 (ELISA)	\$6.11	\$13.76	\$19.87
Erlotinib (LCMS)	\$36.69		\$36.69
e-Selectin (ELISA)	\$6.11	\$13.76	\$19.87
Estradiol (IMM)	\$6.16		\$6.16
Estradiol, Progesterone, and Testosterone (LCMS)	\$51.46		\$51.46
Estrone (ELISA)	\$6.11	Inquire	Inquire
Estrone Sulfate, urine (LCMS)	\$36.07		\$36.07
Estrone, Estradiol, Testosterone (LCMS)	\$51.06		\$51.06
Ethinyl Estradiol (LCMS)	\$61.05		\$61.05
Etonogestrel (LCMS)	\$59.25		\$59.25
Etoposide, tissue (LCMS)	\$55.07		\$55.07

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
Fatty Acyl-CoA, plasma (LCMS)	\$43.73		\$43.73
Fatty Acyl-CoA, tissue (LCMS)	\$53.20		\$53.20
Fentanyl, liquid (LCMS)	\$39.54		\$39.54
FGF-23 C-Term (ELISA)	\$8.97	\$17.16	\$26.14
FGF-Basic (ELISA)	\$6.11	\$13.76	\$19.87
Fibrinogen (ELISA)	\$8.97	\$12.95	\$21.92
Fibroblast Growth Factor 21 (ELISA)	\$4.68	\$0.00	\$4.68
Free Fatty Acids (LCMS)	\$43.66		\$43.66
Fructosamine (INT)	\$4.30		\$4.30
FSH (IMM)	\$5.28		\$5.28
Galectin-1 (ELISA)	\$5.96	Inquire	Inquire
Galectin-3 (ELISA)	\$6.11	\$14.03	\$20.14
Gastric Inhibitory Polypeptide (GIP) (Total) (ELISA)	\$6.11	Inquire	Inquire
GH (IMM)	\$6.09		\$6.09
Ghrelin (RIA)	\$7.84	\$9.13	\$16.97
GIP (ELISA)	\$8.97	\$13.22	\$22.19
Glucagon (ELISA)	\$6.11	Inquire	Inquire
Glucagon Like Peptide-1 (GLP-1) (ELISA)	\$6.11	Inquire	Inquire
Glucose (INT)	\$2.67		\$2.67
Glycerol (ELISA)	\$4.68	Inquire	Inquire
Guanylate cyclase activator 2a (GUCA2A) (ELISA)	\$6.11	\$21.22	Inquire
HbA1c (INT)	\$9.07		Inquire
HDL-C (INT)	\$3.96		\$3.96
Hepcidin (ELISA)	\$8.97	\$22.16	\$31.14
HGF (ELISA)	\$6.11	\$13.76	\$19.87
High Mobility Group Box 1 (HMGB1) (ELISA)	\$6.11	Inquire	Inquire
HIV Drugs (Tenofovir, Emtricitabine) (LCMS)	\$48.11		\$48.11
HIV-1-gp120 Antigen, tissue supernatant (ELISA)	\$8.97	\$21.30	\$30.27
HIV-1-p24 Antigen (ELISA)	\$8.97	\$12.95	\$21.92
Human Chorionic gonadotropin (hCG) (IMM)	\$5.94		\$5.94
Ibrutinib, liquid (LCMS)	\$39.54		\$39.54
IFN-gamma (ELISA)	\$6.11	\$14.57	\$20.68
IGF-1 (IMM)	\$9.49		\$9.49
IGFBP-3 (IMM)	\$9.49		\$9.49
IL-10 (IMM)*	\$5.51	Inquire	Inquire
IL-10 HS (ELISA)	\$5.96	Inquire	Inquire
IL-1b (ELISA)	\$6.11	\$12.95	\$19.06
IL-1b (IMM)*	\$5.51	Inquire	Inquire
IL-4 HS (ELISA)	\$4.57	Inquire	Inquire
IL-6 (ELISA)	\$6.11	\$16.19	\$22.30
IL-6 (IMM)*	\$5.51	Inquire	Inquire
IL-8 (IMM)*	\$5.51	Inquire	Inquire
Insulin (ELISA)	\$8.97	Inquire	Inquire
Insulin (IMM)	\$5.74		\$5.74
Insulin Ultra Sensitive (RIA)	\$11.23	\$3.23	\$14.46
Insulin, Mercodia (ELISA)	\$7.75	Inquire	Inquire
Intercellular Adhesion Molecule-1 (ICAM-1, CD54) (ELISA)	\$6.11	\$13.76	\$19.87
Intestinal Fatty Acid-Binding Protein (I-FABP) (ELISA)	\$6.11	\$17.27	\$23.38
Irisin (ELISA)	\$8.97	\$15.68	\$24.65
Isoprostane (LCMS)	\$46.31		\$46.31
Ketamine, liquid (LCMS)	\$39.54		\$39.54
KU60019, serum (LCMS)	\$57.85		\$57.85

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
KU60019, tissues (LCMS)	\$70.80		\$70.80
Lactate (INT)	\$6.25		\$6.25
LCMS Assay Development	\$600/day		\$600/day
LDL-C direct (INT)	\$9.49		\$9.49
Leptin (RIA)	\$7.84	\$4.25	\$12.09
Levonorgestrel (LCMS)	\$67.05		\$67.05
LH (IMM)	\$5.28		\$5.28
Lipopolysaccharide Binding Protein (LBP) (ELISA)	\$8.97	\$17.27	\$26.24
Lipopolysaccharide (LPS) (Endotoxin) (ELISA)	\$6.11	Inquire	Inquire
Lipoprotein (a) (Lpa) (INT)	\$7.37		\$7.37
LL-37 / Cathelicidin (ELISA)	\$6.11	\$20.51	\$26.63
LOC14, serum (LCMS)	\$34.38		\$34.38
LOC14, tissue (LCMS)	\$57.14		\$57.14
LPa (LCMS)	\$55.89		\$55.89
Luminex-10*	\$433.16	Inquire	Inquire
Luminex-20*	\$561.71	Inquire	Inquire
Luminex-30*	\$647.41	Inquire	Inquire
Luminex-40*	\$690.26	Inquire	Inquire
Medroxy Progesterone Acetate (MPA) (LCMS)	\$56.34		\$56.34
MEW3144 (LCMS)	\$33.33		\$33.33
Midozalam Drug Panel, liquid (LCMS)	\$45.75		\$45.75
Midozalam, liquid (LCMS)	\$39.54		\$39.54
Minocycline (LCMS)	\$39.79		\$39.79
MMI-270, liquid (LCMS)	\$39.54		\$39.54
Nerve Growth Factor (NGF) (ELISA)	\$17.56	\$27.22	\$44.78
NGAL (ELISA)	\$5.81	\$15.22	\$21.03
NGAL (INT)*	\$5.95	Inquire	Inquire
NSE (ELISA)	\$5.81	\$18.27	\$24.08
N-telopeptide (NTx) (ELISA)	\$8.97	\$24.32	\$33.30
O-75, liquid (LCMS)	\$36.34		\$36.34
Organic Acids , Serum (GCMS)	Inquire		Inquire
Organic Acids , Urine (GCMS)	Inquire		Inquire
Organic Acids, Cells (GCMS)	Inquire		Inquire
Osteocalcin (ELISA)	\$3.48	\$11.88	\$15.36
Osteoprotegerin (OPG) (ELISA)	\$17.56	\$16.22	\$33.78
Oxysterol (LCMS)	\$44.01		\$44.01
Oxytocin (ELISA)	\$8.97	\$11.49	\$20.46
Paclitaxel, liquid (LCMS)	\$35.83		\$35.83
Pancreatic Polypeptide (ELISA)	\$8.97	\$14.62	\$23.60
PCSK 9 (ELISA)	\$6.11	\$14.19	\$20.30
Phosphatidylcholine, plasma (LCMS)	\$43.83		\$43.83
Phosphatidylcholine, tissue (LCMS)	\$53.05		\$53.05
Placenta Growth Factor (PLGF) (ELISA)	\$6.11	\$14.03	\$20.14
Plasminogen Activator Inhibitor (PAI -1) (ELISA)	\$6.11	\$14.03	\$20.14
Pralatrexate, liquid (LCMS)	\$39.44		\$39.44
Pralatrexate/Romidepsin Panel, liquid (LCMS)	\$39.54		\$39.54
Procollagen I intact N-terminal (P1NP) (RIA)	\$17.21	\$13.67	\$30.88
Progesterone (IMM)	\$5.71		\$5.71
Prolactin (IMM)	\$5.57		\$5.57
P-Selectin, soluble (ELISA)	\$6.11	\$12.95	\$19.06
PTH-1-34 (ELISA)	\$8.97	\$16.49	\$25.46
PTH-Intact (IMM)	\$6.57		\$6.57

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
PTH-Intact (RIA)	\$17.21	\$6.00	\$23.21
PTH-Whole (RIA)	\$17.21	\$6.00	\$23.21
PYY (RIA)	\$14.63	\$11.56	\$26.18
RANKL (Total) (ELISA)	\$8.97	\$16.22	\$25.19
Receptor for Advanced Glycation End product (RAGE) (ELISA)	\$6.11	\$14.03	\$20.14
Retinal, Retinol & Retinyl Ester, plasma/tissue (LCMS)	\$44.31		\$44.31
Retinoic Acid Metabolites, plasma (LCMS)	\$44.03		\$44.03
Retinoic Acid Metabolites, tissues (LCMS)	\$53.50		\$53.50
Retinoic Acid, plasma/tissue (LCMS)	\$58.09		\$58.09
Retinol-Binding Protein 4 (RBP-4) (ELISA)	\$8.97	\$14.03	\$23.00
RF IgM (ELISA)	\$8.97	\$6.89	\$15.87
Romidepsin, liquid (LCMS)	\$39.54		\$39.54
Ropinirole, liquid (LCMS)	\$36.79		\$36.79
S100 Calcium Binding Protein (ELISA)	\$6.11	\$38.84	\$44.95
Sclerostin (ELISA)	\$4.25	\$16.76	\$21.01
SHBG (IMM)	\$6.88		\$6.88
Sirolimus/Temsirolimus, serum (LCMS)	\$62.10		\$62.10
Sirolimus/Temsirolimus, tissues (LCMS)	\$75.05		\$75.05
Sphingomyelin (LCMS)	\$52.16		\$52.16
Sphingosine/Spinganine (LCMS)	\$43.86		\$43.86
Surfactant protein D (SP-D) (ELISA)	\$6.11	\$14.03	\$20.14
Systematic Toxicology, Fluids (LCMS)	\$49.16		\$49.16
Systematic Toxicology, Tissues (LCMS)	\$68.74		\$68.74
T3 free (IMM)	\$5.73		\$5.73
T3 total (IMM)	\$5.13		\$5.13
T4 free (IMM)	\$5.71		\$5.71
T4 total (IMM)	\$5.11		\$5.11
Tamoxifen, liquid (LCMS)	\$36.83		\$36.83
Testosterone (IMM)	\$6.14		\$6.14
TGF-beta 1 (ELISA)	\$5.96	Inquire	Inquire
Theobromine (LCMS)	\$43.42		\$43.42
Thiobarbituric Acid Reactive Substances (TBARS) (ELISA)	\$6.11	\$5.00	\$11.11
TMAO (LCMS)	\$43.53		\$43.53
TNF RI, Soluble (ELISA)	\$6.11	\$13.76	\$19.87
TNF RII, Soluble (ELISA)	\$6.11	\$13.76	\$19.87
TNF-α (ELISA)	\$8.97	\$16.19	\$25.16
TNF-α (IMM)*	\$4.65	Inquire	Inquire
Total Antioxidant Capacity (TAC) (ELISA)	\$4.68	\$0.00	Inquire
Transferrin (ELISA)	\$8.97	\$27.81	\$36.79
Transforming Growth Factor-beta 1 (TGF-β) (ELISA)	\$8.97	\$13.76	\$22.73
Triglycerides (INT)	\$3.28		\$3.28
Troponin 1 (ELISA)	\$6.11	\$17.43	\$23.55
TSH (IMM)	\$6.14		\$6.14
Ulipristal acetate (LCMS)	\$60.80		\$60.80
Uric acid (INT)	\$3.35		\$3.35
Urinary Glucuronides (LCMS)	\$33.93		\$33.93
Urokinase plasminogen activator receptor (uPAR) (ELISA)	\$6.11	\$12.95	\$19.06
Vascular cell adhesion protein 1 (VCAM, soluble) (ELISA)	\$6.11	\$14.03	\$20.14
Vasopressin (RIA)	\$15.19	\$16.48	\$31.67
VEGF (ELISA)	\$6.11	\$14.03	\$20.14
VEGF R1, soluble (ELISA)	\$6.11	\$14.03	\$20.14
VIP (ELISA)	\$6.11	Inquire	Inquire

FY18 Biomarkers Core Lab Price List

In effect as of July 1, 2017 and through June 30, 2018.

***Purchased by
Investigator directly
from Supplier

FY18 Assays*	FY18 Lab Fees p/Sample**	FY18 Kit Price p/Sample***	FY18 Total Cost p/Sample
Vitamin - 25 hydroxy D2, D3, liquid (LCMS)	\$42.79		\$42.79
Vitamin B12 (IMM)	\$8.10		\$8.10
Vitamin B6 (ELISA)	\$6.11	\$21.51	\$27.63
Vitamin D Binding protein (VDBP) (ELISA)	\$8.97	\$14.03	\$23.00
Vitamin D Metabolites (LCMS)	\$50.66		\$50.66
Zonulin (Haptoglobin) (ELISA)	\$8.97	Inquire	Inquire

*If you do not see an assay on this page that you would like to have developed by the Biomarkers Core Lab please inquire with Dr. Nandakumar, the labs Director at rn2374@cumc.columbia.edu.

**Prices on this page are for internally funded studies only. If you are an externally funded study and interested in getting a price estimate for your project, please contact Jeff Hoinacki at jh3293@cumc.columbia.edu

***ALL ELISA, RIA, Luminex, and some Immulite 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, not the Biomarkers Core lab and are subject to be changed at their discretion.

V-1