

FY17 Biomarkers Core Lab Price List

In effect as of July 1, 2016 and through June 30, 2017.

***Purchased by
Investigator directly
from Supplier

FY17 Assays*	FY17 Lab Fees p/Sample**	FY17 Kit Price p/Sample***	FY17 Total Cost p/Sample
*Sample Processing - Lvl. 1	\$16.75	-	\$16.75
*Sample Processing - Lvl. 2	\$27.75	-	\$27.75
*Sample Processing - Lvl. 3	\$50.00	-	\$50.00
*Sample Processing - Lvl. 4	\$83.00	-	\$83.00
ACY-1215 (LCMS)	\$52.01	-	\$52.01
Acylcarnitines (LCMS)	\$40.82	-	\$40.82
Adiponectin (RIA)	\$6.39	\$10.24	\$16.63
Advanced Glycosylation Endproduct (AGE-CML) (ELISA)	\$5.33	\$18.38	\$23.71
Alpha-Antichymotrypsin (AACT) (ELISA)	\$5.33	\$8.11	\$13.44
Alpha-Synuclein (ELISA)	>>>>	>>>>	Inquire
Amino Acids (GCMS)	>>>>	>>>>	Inquire
Amphetamines (INT)	\$3.96	-	\$3.96
Amyloid Precursor Protein β CTF (ELISA)	\$6.99	\$15.51	\$22.50
Androstenedione (IMM)	\$6.06	-	\$6.06
Angiopietin-1 (ANG1) (ELISA)	\$6.99	\$14.03	\$21.02
Angiopietin-2 (ANG2) (ELISA)	\$5.33	\$13.22	\$18.55
Anti-Mullerian Hormone (AMH) (ELISA)	\$6.99	\$17.92	\$24.91
Apo-Carotenoid, plasma (LCMS)	\$33.72	-	\$33.72
Apo-Carotenoid, tissue (LCMS)	\$35.65	-	\$35.65
Apolipoprotein A1 (Apo AI) (INT)	\$6.92	-	\$6.92
Apolipoprotein AII (Apo AII) (INT)	\$4.17	-	\$4.17
Apolipoprotein B (Apo B) (ELISA)	\$6.99	\$7.70	\$14.69
Apolipoprotein B (Apo B) (INT)	\$5.54	-	\$5.54
Apolipoprotein B48 (Apo B48) (ELISA)	\$5.33	\$19.05	\$24.38
Apolipoprotein CIII (Apo CIII) (ELISA)	>>>>	>>>>	Inquire
Apolipoprotein CIII (Apo CIII) (INT)	\$4.71	-	\$4.71
Apolipoprotein E (Apo E) (INT)	\$5.73	-	\$5.73
Benzodiazepines (INT)	\$3.97	-	\$3.97
Beta Amyloid I-40 (ELISA)	\$5.33	\$15.54	\$20.87
Beta Amyloid I-42 (ELISA)	\$5.33	\$15.54	\$20.87
Beta-Hydroxybutyrate (ELISA)	>>>>	>>>>	Inquire
Bile Acids, Serum (LCMS)	\$55.97	-	\$55.97
Bile Acids, Stool (LCMS)	\$67.99	-	\$67.99
Bile Acids, Tissue (LCMS)	\$67.99	-	\$67.99
Biogenic Amines (LCMS)	\$35.50	-	\$35.50
Bone Tartrate Resistant Acid Phosphatase (Bone TRAcP) (ELISA)	\$6.99	\$20.27	\$27.26
Bone-specific Alkaline Phosphatase (BoneALP) (ELISA)	\$6.99	\$16.21	\$23.20
Bortezomib, plasma (LCMS)	\$61.67	-	\$61.67
Bortezomib, tissue (LCMS)	\$65.54	-	\$65.54
Brain Derived Neurotrophic Factor (BDNF) (ELISA)	\$5.33	\$14.03	\$19.36
Brain Natriuretic Peptide (BNP) (ELISA)	\$6.99	\$12.49	\$19.48
BUN (INT)	\$2.80	-	\$2.80
Calcium, serum (INT)	\$3.06	-	\$3.06
Calcium, urine (INT)	\$3.97	-	\$3.97
Cannabinoids (INT)	\$3.97	-	\$3.97
Carboxyterminal Telopeptide of Type I Collagen (ICTP) (RIA)	\$7.41	\$13.33	\$20.75

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Carnitine (LCMS)	\$28.73	-	\$28.73
Caspase-1/ICE (ELISA)	>>>>	>>>>	Inquire
CCL11/Eotaxin (ELISA)	\$5.33	\$13.76	\$19.09
CCP3 IgG (ELISA)	\$6.99	\$16.22	\$23.21
CD14, soluble (ELISA)	\$6.99	\$12.95	\$19.94
CD163, soluble(ELISA)	\$6.99	\$13.76	\$20.75
Ceramide-1p, plasma (LCMS)	\$27.12	-	\$27.12
Ceramide-1p, tissue (LCMS)	\$29.05	-	\$29.05
Ceramides (LCMS)	\$34.66	-	\$34.66
Cholesterol (INT)	\$2.64	-	\$2.64
Cocaine (INT)	\$3.99	-	\$3.99
Collagen Crosslinks (LCMS)	\$36.58	-	\$36.58
Corticosteroid Binding Globulin (Transcortin) (ELISA)	\$4.71	\$14.73	\$19.44
Corticotropin Releasing Hormone (CRH) (ELISA)	\$5.34	\$18.92	\$24.26
Cortisol (IMM)	\$4.43	-	\$4.43
Cortisol, saliva (ELISA)	\$6.52	\$6.49	\$13.00
Cortisol, saliva (LCMS)	\$36.62	-	\$36.62
Cortisol, tissues (LCMS)	\$67.69	-	\$67.69
Cortisol, urine (LCMS)	\$36.62	-	\$36.62
Cotinine, urine (HPLC)	\$34.51	-	\$34.51
C-peptide (IMM)	\$4.57	-	\$4.57
Creatinine, serum (INT)	\$2.65	-	\$2.65
Creatinine, urine (INT)	\$4.66	-	\$4.66
CRPhs (INT)	\$6.10	-	\$6.10
C-terminal Telopeptide (CTx), Serum (ELISA)	\$6.99	\$17.60	\$24.59
CXCL 10 / IP10 (ELISA)	\$5.33	\$13.76	\$19.09
CXCL2 (ELISA)	\$5.33	\$15.54	\$20.87
Cystatin C (INT)	\$9.35	-	\$9.35
D-Dimer (ELISA)	\$6.82	\$12.49	\$19.30
DHEA, serum (LCMS)	\$35.70	-	\$35.70
DHEA-S (IMM)	\$5.54	-	\$5.54
DHT, Testosterone, serum (LCMS)	\$40.27	-	\$40.27
DHT, Testosterone, tissue (LCMS)	\$62.55	-	\$62.55
Dihydroceramide (LCMS)	\$34.64	-	\$34.64
DNA DeMethylation (LCMS)	\$20.25	-	\$20.25
Dofetilide (LCMS)	\$35.52	-	\$35.52
Endocannabinoids (LCMS)	\$38.19	-	\$38.19
Endoglin (ELISA)	>>>>	>>>>	Inquire
Endothelin-1 (ELISA)	\$5.33	\$13.76	\$19.09
Erlotinib (LCMS)	>>>>	>>>>	Inquire
e-Selectin (ELISA)	\$5.33	\$13.76	\$19.09
Esterone, Estradiol, Testosterone (LCMS)	>>>>	>>>>	Inquire
Estradiol (IMM)	\$5.30	-	\$5.30
Estradiol, Progesterone, and Testosterone (LCMS)	\$42.89	-	\$42.89
Estrone (ELISA)	>>>>	>>>>	Inquire
Estrone (LCMS)	>>>>	>>>>	Inquire
Estrone Sulfate, urine (LCMS)	\$29.57	-	\$29.57
Ethinyl Estradiol (LCMS)	\$38.86	-	\$38.86
Ethyl Ester, plasma (LCMS)	\$40.03	-	\$40.03
Ethyl Ester, tissue (LCMS)	\$41.96	-	\$41.96
Etonogestrel (LCMS)	\$44.13	-	\$44.13
Etoposide, tissue (LCMS)	\$62.55	-	\$62.55
Fas Ligand / THFSF6 (ELISA)	\$5.33	\$13.76	\$19.09
Fatty Acyl-CoA, plasma (LCMS)	\$33.57	-	\$33.57

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Fatty Acyl-CoA, tissue (LCMS)	\$35.51	-	\$35.51
Fentanyl (LCMS)	\$32.44	-	\$32.44
FGF-23 C-Term (ELISA)	\$6.99	\$17.16	\$24.15
FGF-Basic (ELISA)	\$5.33	\$13.76	\$19.09
Fibrinogen (ELISA)	\$6.99	\$12.95	\$19.94
Fibroblast Growth Factor 21 (ELISA)	>>>>	>>>>	Inquire
Folic Acid (IMM)	\$5.34	-	\$5.34
Free Fatty Acids (COLOR)	\$7.67	-	\$7.67
Free Fatty Acids (LCMS)	\$34.33	-	\$34.33
Fructosamine (INT)	\$4.89	-	\$4.89
FSH (IMM)	\$4.52	-	\$4.52
Galectin-3 (ELISA)	\$5.33	\$14.03	\$19.36
Gastric Inhibitory Polypeptide (GIP) (Total) (ELISA)	>>>>	>>>>	Inquire
GH (IMM)	\$5.31	-	\$5.31
Ghrelin (RIA)	\$6.39	\$9.13	\$15.52
GIP (ELISA)	\$6.99	\$13.22	\$20.21
Glucagon (ELISA)	>>>>	>>>>	Inquire
Glucagon Like Peptide-1 (GLP-1) (ELISA)	>>>>	>>>>	Inquire
Glucose (INT)	\$2.23	-	\$2.23
Glycerol (ELISA)	>>>>	>>>>	Inquire
Glycerol (GCMS)	>>>>	>>>>	Inquire
Guanylate cyclase activator 2a (GUCA2A) (ELISA)	\$5.33	\$21.22	\$26.55
HbA1c (INT)	\$9.05	-	\$9.05
HDL-C (INT)	\$3.38	-	\$3.38
Hepcidin (ELISA)	\$6.99	\$22.16	\$29.15
HGF (ELISA)	\$5.33	\$13.76	\$19.09
High Mobility Group Box 1 (HMGB1) (ELISA)	>>>>	>>>>	Inquire
HIV Drugs (Tenofovir, Emtricitabine) (LCMS)	\$38.89	-	\$38.89
Homocysteine (INT)	\$10.98	-	\$10.98
Human Chorionic onadotropin (hCG) (IMM)	\$5.16	-	\$5.16
Hydromorphone (LCMS)	\$32.44	-	\$32.44
Hydroxymidazolam (LCMS)	\$32.44	-	\$32.44
Ibrutinib (LCMS)	\$32.44	-	\$32.44
IFN-gamma (ELISA)	\$5.33	\$14.57	\$19.90
IGF-1 (IMM)	\$8.50	-	\$8.50
IGFBP-3 (IMM)	\$8.50	-	\$8.50
IL-10 (IMM)	\$3.82	>>>>	Inquire
IL-1b (ELISA)	\$5.33	\$12.95	\$18.28
IL-1b (IMM)	\$3.82	>>>>	Inquire
IL-6 (ELISA)	\$5.33	\$16.19	\$21.52
IL-6 (IMM)	\$3.82	>>>>	Inquire
IL-8 (IMM)	\$3.82	>>>>	Inquire
Insulin (IMM)	\$4.88	-	\$4.88
Insulin Ultra Sensitive (RIA)	\$6.39	\$3.23	\$9.61
Intercellular Adhesion Molecule-1 (ICAM-1, CD54) (ELISA)	\$4.66	\$13.76	\$18.42
Intestinal Fatty Acid-Binding Protein (I-FABP) (ELISA)	\$5.33	\$17.27	\$22.60
Irisin (ELISA)	\$6.99	\$15.68	\$22.67
Isoprostane (LCMS)	\$28.20	-	\$28.20
Ketamine (LCMS)	\$32.44	-	\$32.44
KU60019, serum (LCMS)	\$47.87	-	\$47.87
KU60019, tissues (LCMS)	\$68.90	-	\$68.90
Lactate (INT)	\$7.09	-	\$7.09
LDL-C direct (INT)	\$8.46	-	\$8.46
Leptin (RIA)	\$6.39	\$4.25	\$10.64

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Levonorgestrel (LCMS)	\$57.03	-	\$57.03
LH (IMM)	\$4.52	-	\$4.52
Lipopolysaccharide Binding Protein (LBP) (ELISA)	\$6.99	\$17.27	\$24.26
Lipopolysaccharide (LPS) (ELISA)	>>>>	>>>>	Inquire
Lipoprotein (a) (Lpa) (INT)	\$6.29	-	\$6.29
LL-37 / Cathelicidin (ELISA)	\$5.33	\$20.51	\$25.84
LOC14, serum (LCMS)	\$21.66	-	\$21.66
LOC14, tissue (LCMS)	\$36.08	-	\$36.08
LPa (LCMS)	>>>>	>>>>	Inquire
LPs (ELISA)	>>>>	>>>>	Inquire
Luminex-10	\$409.59	>>>>	Inquire
Luminex-20	\$518.99	>>>>	Inquire
Luminex-30	\$573.69	>>>>	Inquire
Luminex-40	\$591.93	>>>>	Inquire
M30 Apoptosense (ELISA)	\$5.33	\$22.57	\$27.90
M-CSF (ELISA)	\$5.33	\$13.76	\$19.09
Medroxy Progesterone Acetate (MPA) (LCMS)	\$40.64	-	\$40.64
Melatonin (LCMS)	\$34.57	-	\$34.57
MEW3144 (LCMS)	>>>>	>>>>	Inquire
Midozolam (LCMS)	\$32.44	-	\$32.44
Midozolam Drug Panel (LCMS)	\$44.51	-	\$44.51
Minocycline (LCMS)	\$40.56	-	\$40.56
MMI-270 (LCMS)	\$32.44	-	\$32.44
Nerve Growth Factor (NGF) (ELISA)	\$10.78	\$27.22	\$38.00
NGAL (ELISA)	\$6.99	\$15.22	\$22.21
NGAL (INT)	\$4.89	>>>>	Inquire
NSE (ELISA)	\$5.33	\$18.27	\$23.60
N-telopeptide (NTx) (ELISA)	\$6.99	\$24.32	\$31.31
O-75 (LCMS)	\$35.34	-	\$35.34
Organic Acids , Serum (GCMS)	\$74.87	-	\$74.87
Organic Acids , Urine (GCMS)	\$74.87	-	\$74.87
Organic Acids, Cells (GCMS)	\$54.88	-	\$54.88
Osteocalcin (ELISA)	\$6.99	\$11.88	\$18.87
Osteoprotegerin (OPG) (ELISA)	\$13.63	\$16.22	\$29.85
Oxysterol (LCMS)	\$34.76	-	\$34.76
Oxytocin (ELISA)	\$11.14	\$11.49	\$22.63
Paclitaxel (LCMS)	>>>>	>>>>	Inquire
Pancreatic Polypeptide (ELISA)	\$6.99	\$14.62	\$21.61
PCSK 9 (ELISA)	\$5.33	\$14.19	\$19.52
Phosphatidylcholine, plasma (LCMS)	\$33.82	-	\$33.82
Phosphatidylcholine, tissue (LCMS)	\$35.76	-	\$35.76
Placenta Growth Factor (PLGF) (ELISA)	>>>>	>>>>	Inquire
Plasminogen Activator Inhibitor (PAI -1) (ELISA)	\$5.33	\$14.03	\$19.36
PLGF (ELISA)	>>>>	>>>>	Inquire
Pralatrexate (LCMS)	\$32.44	-	\$32.44
Pralatrexate/Romidepsin Panel (LCMS)	\$44.51	-	\$44.51
Prealbumin (INT)	\$7.89	-	\$7.89
Procollagen I intact N-terminal (ELISA)	>>>>	>>>>	Inquire
Procollagen I intact N-terminal (P1NP) (RIA)	\$11.08	\$13.67	\$24.74
Progesterone (IMM)	\$4.96	-	\$4.96
Prolactin (IMM)	\$4.85	-	\$4.85
P-Selectin, soluble (ELISA)	\$5.33	\$12.95	\$18.28
PTH-1-34 (ELISA)	\$6.99	\$16.49	\$23.48
PTH-Intact (IMM)	\$5.70	-	\$5.70

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PTH-Intact (RIA)	\$13.83	\$6.00	\$19.83
PTH-Whole (RIA)	\$13.83	\$6.00	\$19.83
PYY (RIA)	\$6.39	\$11.56	\$17.94
RANKL (Total) (ELISA)	\$6.99	\$16.22	\$23.21
Receptor for Advanced Glycation End product (RAGE) (ELISA)	\$5.33	\$14.03	\$19.36
Retinal, Retinol & Retinyl Ester, plasma/tissue (LCMS)	\$33.56	-	\$33.56
Retinoic Acid Metabolites, plasma (LCMS)	\$33.97	-	\$33.97
Retinoic Acid Metabolites, tissues (LCMS)	\$35.90	-	\$35.90
Retinoic Acid, plasma/tissue (LCMS)	\$47.71	-	\$47.71
Retinol-Binding Protein 4 (RBP-4) (ELISA)	\$6.99	\$14.03	\$21.02
RF IgM (ELISA)	\$6.99	\$6.89	\$13.88
Romidepsin (LCMS)	\$32.44	-	\$32.44
Ropinirole (LCMS)	\$35.73	-	\$35.73
Ropinirole (LCMS)	>>>>	>>>>	Inquire
S100 Calcium Binding Protein (ELISA)	\$5.33	\$38.84	\$44.17
Sclerostin (ELISA)	\$6.99	\$16.76	\$23.75
SHBG (IMM)	\$6.01	-	\$6.01
Sirolimus/Temsirolimus, serum (LCMS)	\$52.08	-	\$52.08
Sirolimus/Temsirolimus, tissues (LCMS)	\$73.11	-	\$73.11
Sphingomyelin (LCMS)	\$44.67	-	\$44.67
Sphingosine/Spinganine (LCMS)	\$34.51	-	\$34.51
Surfactant protein D (SP-D) (ELISA)	\$5.33	\$14.03	\$19.36
Systematic Toxicology, Fluids (LCMS)	\$39.82	-	\$39.82
Systematic Toxicology, Tissues (LCMS)	\$55.02	-	\$55.02
T3 free (IMM)	\$5.30	-	\$5.30
T3 total (IMM)	\$4.37	-	\$4.37
T4 free (IMM)	\$4.94	-	\$4.94
T4 total (IMM)	\$4.36	-	\$4.36
Tamoxifen (LCMS)	>>>>	>>>>	Inquire
Testosterone (IMM)	\$5.28	-	\$5.28
Theobromine (LCMS)	\$39.78	-	\$39.78
Thiobarbituric Acid Reactive Substances (TBARS) (ELISA)	\$5.33	\$5.00	\$10.33
TNF RI, Soluble (ELISA)	\$5.33	\$13.76	\$19.09
TNF RII, Soluble (ELISA)	\$5.33	\$13.76	\$19.09
TNF- α (ELISA)	\$6.99	\$16.19	\$23.18
TNF- α (IMM)	\$3.82	>>>>	Inquire
Total Antioxidant Capacity (TAC) (ELISA)	>>>>	>>>>	Inquire
Transferrin (ELISA)	\$6.99	\$27.81	\$34.80
Transforming Growth Factor-beta 1 (TGF- β) (ELISA)	\$6.99	\$13.76	\$20.75
Triglycerides (INT)	\$2.73	-	\$2.73
Troponin 1 (ELISA)	\$5.33	\$17.43	\$22.76
Truvada-Phosphates (LCMS)	\$59.87	-	\$59.87
Truvada (LCMS)	\$31.17	-	\$31.17
Tryptophan (LCMS)	\$35.67	-	\$35.67
TSH (IMM)	\$5.28	-	\$5.28
UDP-Sugar (LCMS)	\$36.68	-	\$36.68
Ulipristal acetate (LCMS)	>>>>	>>>>	Inquire
Uric acid (INT)	\$2.80	-	\$2.80
Urinary Glucuronides (LCMS)	>>>>	>>>>	Inquire
Urokinase plasminogen activator receptor (μ PAR) (ELISA)	\$5.33	\$12.95	\$18.28
Vascular cell adhesion protein 1 (VCAM, soluble) (ELISA)	\$5.33	\$14.03	\$19.36
Vasopressin (RIA)	\$8.48	\$16.48	\$24.96
VEGF R1, soluble (ELISA)	\$5.33	\$14.03	\$19.36
Vitamin - 25 hydroxy D2, D3 (LCMS)	\$36.39	-	\$36.39

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Vitamin B12 (IMM)	\$5.43	-	\$5.43
Vitamin D Binding protein (VDBP) (ELISA)	\$6.99	\$14.03	\$21.02
Vitamin D Metabolites (LCMS)	\$41.42	-	\$41.42
Wax Ester (LCMS)	\$34.55	-	\$34.55

*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. Serge Cremers, the lab's Director. Dr. Cremers can be reached at sc2752@cumc.columbia.edu or Dr. Nandakumar, the labs Associate 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-2