



ELISA Kits

Enzyme-linked Immunosorbent Assays

Metabolic Syndrome Biomarkers

Obesity/Type 2 Diabetes Markers

Insulin Resistance Markers

Cardiovascular Markers

Inflammatory Diseases Biomarkers

Rheumatoid Arthritis

Neuroinflammation Markers

Cancer & Autoimmune Diseases Biomarkers



Biomarkers

Adiponectin	2
ANGPTL3	2
ANGPTL6	2
BAFF	2
Caspase-1	3
Clusterin	3
DLK1	3
FGF-19	3
FGF-21	3
GPX1	4
GPX3	4
IL-1 α	4
IL-33	4
IL-36 β	5
IL-36Ra	5
IL-37	5
IL-38	5
Irisin	5
Lipocalin-2	6
Nampt/Visfatin	5
Periostin	6
Progranulin	6
RBP4	7
RELM- β	7
Resistin	7
Sirtuin 1	7
Sirtuin 2	7
Vaspin	8
Zinc- α Protein	8

Adiponectin

Obesity, Insulin Resistance, Type 2 Diabetes (T2D), CVD, NAFLD, Obesity-related Inflammation, Various Cancers

Adiponectin (human) ELISA Kit

THE STANDARD

AG-45A-0001Y Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity: Human
Sensitivity: 100 pg/ml
Range: 0.5 to 32 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Urine, Cell Culture Supernatant

Adiponectin (rat) ELISA Kit

AG-45A-0005Y Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity: Rat
Sensitivity: 50 pg/ml
Range: 0.375 to 24 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Adiponectin (mouse) ELISA Kit

AG-45A-0004Y Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity: Mouse
Sensitivity: 50 pg/ml
Range: 0.125 to 8 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

ANGPTL3

CVD, NAFLD, Insulin Resistance, Rheumatoid Arthritis

ANGPTL3 (human) ELISA Kit

AG-45A-0014Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Human
Sensitivity: 75 pg/ml
Range: 0.156 to 10 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

ANGPTL3 (mouse/rat) Dual ELISA Kit

AG-45A-0015Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Mouse / Rat
Sensitivity: 15 pg/ml
Range: 0.016 to 1 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

ANGPTL6

Type 2 Diabetes (T2D), Obesity, Insulin Resistance, Preeclampsia

ANGPTL6 (human) ELISA Kit

AG-45A-0016Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Human
Sensitivity: 1.2 ng/ml
Range: 1.56 to 100 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

BAFF

Autoimmune Diseases (Sjögren's Syndrome, SLE, Pancreatitis & Hepatitis), Lymphomas, Inflammatory Diseases (Polymyositis, RA, Sarcoidosis)

BAFF, Soluble (human) ELISA Kit (hypersensitive)

AG-45B-0001 Available Size: 96 wells
Species reactivity: Human
Sensitivity: 8 pg/ml
Range: 15.6 to 500 pg/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

BAFF, Soluble (human) **Matched Pair Detection Set**

AG-46B-0001 Reagents to perform 5x 96 wells
Species reactivity: Human
Sensitivity: 16 pg/ml
Range: 16 to 1000 pg/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Caspase-1

Assay for measuring Inflammasome Activation

Caspase-1 (mouse) ELISA Kit

AG-45B-0002	Available Size: 96 wells
Species reactivity:	Mouse
Sensitivity:	33 pg/ml
Range:	0.15 to 10 ng/ml
Assay type:	Sandwich
Sample type:	Serum, Plasma, Cell Culture Supernatant

Caspase-1 (mouse) *Matched Pair Detection Set*

AG-46B-0003	Reagents to perform 5x 96 wells
Species reactivity:	Mouse
Sensitivity:	50 pg/ml
Range:	0.15 to 10 ng/ml
Assay type:	Sandwich
Sample type:	Cell Culture Supernatant

Clusterin

Cancer (Hepatic, Pancreatic, Gastric), Neurodegenerative Diseases, Metabolic Syndrome, Obesity-related Inflammation, Renal Injuries

Clusterin (human) Competitive ELISA Kit **THE STANDARD**

AG-45A-0013Y	Available Sizes: 96 wells / Twin Plex
Species reactivity:	Human
Sensitivity:	1 ng/ml
Range:	0.001 to 5 µg/ml
Assay type:	Competitive
Sample type:	Serum, Plasma, Cell Culture Supernatant

DLK1

Metabolic Syndrome, Cancer

DLK1, Soluble (human) ELISA Kit

AG-45A-0032Y	Available Sizes: 96 wells
Species reactivity:	Human
Sensitivity:	336 pg/ml
Range:	0.47 to 30 ng/ml
Assay type:	Sandwich
Sample type:	Serum, Cell Culture Supernatant

FGF-19 / FGF-21

FGF-19/21: Obesity, Type 2 Diabetes (T2D), Insulin Resistance, Hepatic Diseases FGF-21: Mitochondrial Diseases, Rheumatoid Arthritis, Preeclampsia

FGF-19 (human) ELISA Kit

AG-45B-5002	Available Sizes: 96 wells
Species reactivity:	Human
Sensitivity:	10 pg/ml
Range:	31.2 to 2000 pg/ml
Assay type:	Sandwich
Sample type:	Serum, Plasma, Cell Culture Supernatant

FGF-21 (human) ELISA Kit

AG-45B-5001	Available Sizes: 96 wells
Species reactivity:	Human
Sensitivity:	7 pg/ml
Range:	30 to 1920 pg/ml
Assay type:	Sandwich
Sample type:	Serum, Plasma, Cell Culture Supernatant

GPX1

Various Cancers, Insulin Resistance, Obesity, Type 2 Diabetes (T2D)

GPX1 (human) ELISA Kit

AG-45A-0037Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Human
Sensitivity: 45 pg/ml
Range: 0.0625 to 4 ng/ml
Assay type: Sandwich
Sample type: Plasma

GPX1 (human) (IntraCellular) ELISA Kit

AG-45A-0034Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Human
Sensitivity: 45 pg/ml
Range: 0.063 to 4 ng/ml
Assay type: Sandwich
Sample type: Cell Lysate

GPX3

Hypertension, Type 1 (T1D) and Type 2 Diabetes (T2D), CVD, Atherosclerosis, Amyotrophic Lateral Sclerosis (ALS)

GPX3 (human) ELISA Kit

AG-45A-0020Y Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity: Human
Sensitivity: 100 pg/ml
Range: 0.5 to 32 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

IL-1 α

Assay for measuring Inflammasome Activation & corresponding Inflammatory Diseases

IL-1 α (mouse) ELISA Kit

AG-45B-0003 Available Size: 96 wells
Species reactivity: Mouse
Sensitivity: 9 pg/ml
Range: 15.6 pg/ml to 1 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

IL-1 α (mouse) *Matched Pair Detection Set*

AG-46B-0004 Reagents to perform 5x 96 wells
Species reactivity: Mouse
Sensitivity: 10 pg/ml
Range: 15.6 to 2000 pg/ml
Assay type: Sandwich
Sample type: Cell Culture Supernatant

IL-33

Rheumatoid Arthritis, Autoimmune Diseases, Inflammatory Diseases, Various Cancers, Obesity, Diabetic Neuropathy, Atherosclerosis

IL-33 (human) ELISA Kit

THE STANDARD

AG-45A-0033Y Available Sizes: 96 wells / Twin Plex
Species reactivity: Human
Sensitivity: 5 pg/ml
Range: 0.016 to 1 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

IL-36 β

Skin Inflammation

IL-36 β (human) Matched Pair Detection Set

AG-46B-0009	Reagents to perform 5x 96 wells
Species reactivity:	Human
Sensitivity:	10 pg/ml
Range:	15.6 to 1000 pg/ml
Assay type:	Sandwich
Sample type:	Cell Culture Supernatant

IL-37

Inflammatory Diseases

IL-37 (human) ELISA Kit

AG-45A-0041Y	Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity:	Human
Sensitivity:	10 pg/ml
Range:	0.016 to 1 ng/ml
Assay type:	Sandwich
Sample type:	Serum, Plasma

IL-36Ra

Skin Inflammation

IL-36Ra (human) Matched Pair Detection Set

AG-46B-0006	Reagents to perform 5x 96 wells
Species reactivity:	Human
Sensitivity:	0.5 ng/ml
Range:	0.78 to 50 ng/ml
Assay type:	Sandwich
Sample type:	Cell Culture Supernatant

IL-38

NEW

Adapted and Innate Immune Responses

IL-38 (human) Matched Pair Detection Set

AG-46B-0007	Reagents to perform 5x 96 wells
Species reactivity:	Human
Sensitivity:	20 pg/ml
Range:	0.031 to 2 ng/ml
Assay type:	Sandwich
Sample type:	Serum, Cell Culture Supernatant

Replaces AG-46A-0002. Contains New Matched Pair Antibody Set.

Irisin

Energy Metabolism, Obesity, Type 2 Diabetes (T2D), Insulin Resistance, COPD

Irisin Competitive ELISA Kit

AG-45A-0046Y	Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity:	Human / Monkey / Mouse / Rat
Sensitivity:	1 ng/ml
Range:	0.001 to 5 μ g/ml
Assay type:	Competitive
Sample type:	Serum, Plasma, Cell Culture Supernatant

Nampt / Visfatin

Diabetes, Obesity, Sepsis, IBD, Crohn's Disease, Rheumatoid Arthritis, Preeclampsia, Various Cancers

Nampt [Visfatin/PBEF] (human) ELISA Kit **THE STANDARD**

AG-45A-0006Y	Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity:	Human
Sensitivity:	30 pg/ml
Range:	0.125 to 8 ng/ml
Assay type:	Sandwich
Sample type:	Serum

Nampt [Visfatin/PBEF] (human) (IntraCellular) ELISA Kit

AG-45A-0008Y	Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity:	Human
Sensitivity:	30 pg/ml
Range:	0.25 to 16 ng/ml
Assay type:	Sandwich
Sample type:	Cell Lysate

Nampt [Visfatin/PBEF] (mouse/rat) Dual ELISA Kit

AG-45A-0007Y	Available Sizes: 96 wells / Twin Plex / Penta Plex
Species reactivity:	Mouse / Rat
Sensitivity:	50 pg/ml
Range:	0.5 to 32 ng/ml
Assay type:	Sandwich
Sample type:	Serum

Lipocalin-2

Obesity, Insulin Resistance, CVD, FLD, Renal Injuries, Various Cancers

Lipocalin-2 (human) ELISA Kit

AG-45B-5003 *Available Sizes: 96 wells*
Species reactivity: Human
Sensitivity: 0.2 ng/ml
Range: 0.39 to 25 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Lipocalin-2 (mouse) ELISA Kit

AG-45B-5004 *Available Sizes: 96 wells*
Species reactivity: Mouse
Sensitivity: 0.1 ng/ml
Range: 0.156 to 10 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Periostin

Asthma, Various Cancers, Metastasis in Epithelial Tumors, Renal Injury, Osteoarthritis

Periostin (human) ELISA Kit

AG-45B-0004 *Available Sizes: 96 wells*
Species reactivity: Human
Sensitivity: 15 pg/ml
Range: 78 to 5000 pg/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Periostin (human) *Matched Pair Detection Set*

AG-46B-0005 *Reagents to perform 5x 96 wells*
Species reactivity: Human
Sensitivity: 30 pg/ml
Range: 80 to 5000 pg/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Periostin (mouse) ELISA Kit

AG-45B-0005 *Available Sizes: 96 wells*
Species reactivity: Mouse
Sensitivity: 10pg/ml
Range: 31 to 2000 pg/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Cell Culture Supernatant

Periostin (mouse) *Matched Pair Detection Set*

AG-46B-0002 *Reagents to perform 5x 96 wells*
Species reactivity: Mouse
Sensitivity: 20 pg/ml
Range: 31 to 2000 pg/ml
Assay type: Sandwich
Sample type: Serum, Cell Culture Supernatant

Progranulin

FTLD, Rheumatoid Arthritis, Various Cancers, Type 2 Diabetes (T2D), Bipolar Disorder

Progranulin (human) ELISA Kit

THE STANDARD

AG-45A-0018Y *Available Sizes: 96 wells / Twin Plex / Penta Plex*
Species reactivity: Human
Sensitivity: 32 pg/ml
Range: 0.063 to 4 ng/ml
Assay type: Sandwich
Sample type: Serum, Plasma, Urine, Cell Culture Supernatant, CSF

Progranulin (rat) ELISA Kit

AG-45A-0043Y *Available Sizes: 96 wells / Twin Plex*
Species reactivity: Rat
Sensitivity: 40 pg/ml
Range: 0.063 to 4 ng/ml
Assay type: Sandwich
Sample type: Serum, Cell Culture Supernatant

Progranulin (mouse) ELISA Kit

AG-45A-0019Y *Available Sizes: 96 wells / Twin Plex / Penta Plex*
Species reactivity: Mouse
Sensitivity: 60 pg/ml
Range: 0.125 to 8 ng/ml
Assay type: Sandwich
Sample type: Serum, Cell Culture Supernatant

RBP4

Insulin Resistance, Microalbuminuria, Type 2 Diabetes (T2D), CVD, Obesity, NAFLD, PCOS, Ovarian Cancer

RBP4 (human) ELISA Kit (Quantitative) **THE STANDARD**

AG-45A-0035Y Available Sizes: 96 wells / Twin Plex / Penta Plex
 Species reactivity: Human
 Sensitivity: 380 pg/ml
 Range: 0.39 to 25 ng/ml
 Assay type: Sandwich
 Sample type: Serum, Plasma, Urine, Cell Culture Supernatant

RBP4 (mouse/rat) Dual ELISA Kit

AG-45A-0012Y Available Sizes: 96 wells / Twin Plex / Penta Plex
 Species reactivity: Mouse / Rat
 Sensitivity: 60 pg/ml
 Range: 0.188 to 12 ng/ml
 Assay type: Sandwich
 Sample type: Serum, Urine, Cell Culture Supernatant

RBP4 (human) Competitive ELISA Kit

AG-45A-0010Y Available Sizes: 96 wells / Twin Plex
 Species reactivity: Human
 Sensitivity: 1 ng/ml
 Range: 0.001 to 5 µg/ml
 Assay type: Competitive
 Sample type: Serum, Plasma, Urine, Cell Culture Supernatant

RELM-β

Potential Gut-Inflammation, Inflammatory Bowel Disease, Crohn's Disease, Ulcerative Colitis

RELM-β (human) **Matched Pair Detection Set**

AG-46A-0001 Reagents to perform 5x 96 wells
 Species reactivity: Human
 Sensitivity: 10 pg/ml
 Range: 0.016 to 1 ng/ml
 Assay type: Sandwich
 Sample type: Human Feces

Resistin

Insulin Resistance, Type 2 Diabetes (T2D), Obesity, NAFLD, Various Inflammatory Diseases

Resistin (human) ELISA Kit

AG-45A-0023Y Available Sizes: 96 wells / Twin Plex / Penta Plex
 Species reactivity: Human
 Sensitivity: 100 pg/ml
 Range: 0.125 to 8 ng/ml
 Assay type: Sandwich
 Sample type: Serum, Plasma, Cell Culture Supernatant

Sirtuin 1

Metabolic Syndrome, Type 2 Diabetes, Alzheimer's Disease, Various Cancers, Inflammatory Diseases

Sirtuin 1 (human) (IntraCellular) ELISA Kit

AG-45A-0029Y Available Sizes: 96 wells / Twin Plex
 Species reactivity: Human
 Sensitivity: 30 pg/ml
 Range: 0.032 to 2 ng/ml
 Assay type: Sandwich
 Sample type: Cell Lysate

Sirtuin 2

Alzheimer's Disease, Huntington's Disease, Parkinson's Disease, Various Cancers

Sirtuin 2 (human) (IntraCellular) ELISA Kit

AG-45A-0030Y Available Sizes: 96 wells / Twin Plex
 Species reactivity: Human
 Sensitivity: 80 pg/ml
 Range: 0.125 to 8 ng/ml
 Assay type: Sandwich
 Sample type: Cell Lysate

Vaspin

Type 2 Diabetes (T2D), Obesity, Insulin Resistance, CVD, NAFLD, Inflammatory Diseases

Vaspin (human) ELISA Kit

THE STANDARD

AG-45A-0017Y Available Sizes: 96 wells / Twin Plex / Penta Plex
 Species reactivity: Human
 Sensitivity: 12 pg/ml
 Range: 0.016 to 1 ng/ml
 Assay type: Sandwich
 Sample type: Serum, Plasma, Cell Culture Supernatant

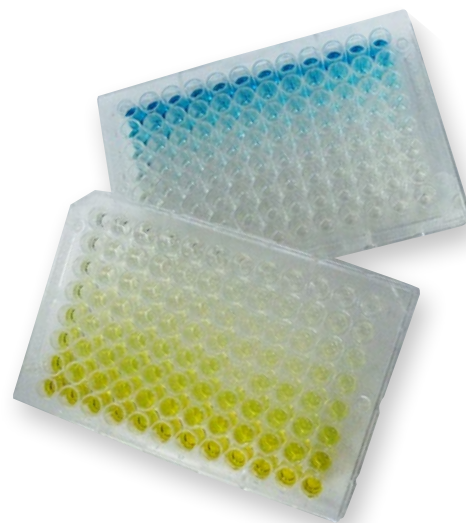
Visfatin *see Nampt on Page 5*

Zinc- α -2-glycoprotein (ZAG)

Obesity, Various Cancers, Diabetic Neuropathy, Preeclampsia

ZAG (human) *Matched Pair Detection Set*

AG-46B-0008 Reagents to perform 5x 96 wells
 Species reactivity: Human
 Sensitivity: 100 pg/ml
 Range: 0.0156 to 1 ng/ml
 Assay type: Sandwich
 Sample type: Serum, Plasma, Cell Culture Supernatant



AdipoGen Life Sciences is dedicated to provide Quality ELISA Kits:

- Extensively validated
- Reproducible results with low inter- and intra-assay variation
- High sensitivity
- Broad range of sample types (e.g serum, plasma, cell culture supernatant, urine)
- Many citations in peer-reviewed key literature references