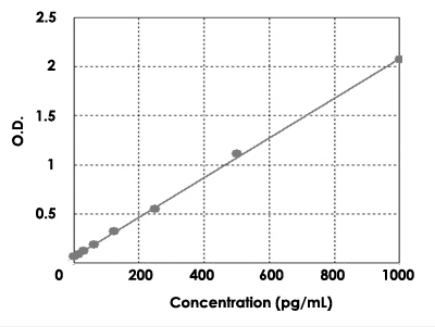
IL18 (Human) ELISA Kit

Catalog # KA3075 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	IL18 (Human) ELISA Kit is intended for the quantitative measurement of human IL18.
Suitable Sample	Body Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Lysate
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 4 months, or at -20°C for 8 months.

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Applications

- Quantification

Gene Info — IL18

Entrez GeneID	3606
Gene Name	IL18
Gene Alias	IGIF, IL-18, IL-1g, IL1F4, MGC12320
Gene Description	interleukin 18 (interferon-gamma-inducing factor)
Omim ID	600953
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a proinflammatory cytokine. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL-18 binding p rotein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biologic al activity. [provided by RefSeq
Other Designations	IL-1 gamma|interferon-gamma-inducing factor|interleukin 18|interleukin-1 gamma|interleukin-18

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Abortion
- Acute Lung Injury
- Adenocarcinoma
- Aggressive Periodontitis
- Alzheimer disease

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- Arthritis
- Asthma
- Atherosclerosis
- Atrial Fibrillation
- Autoimmune Diseases
- Behcet Syndrome
- Brain Ischemia
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chorioamnionitis
- Choriocarcinoma
- Choroidal Neovascularization
- Chronic Periodontitis
- Cognition Disorders
- Colitis
- Colorectal Neoplasms
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Crohn Disease
- Death

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- Dermatitis
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Duodenal Ulcer
- Dyspepsia
- Edema
- Endometriosis
- Endotoxemia
- Epstein-Barr Virus Infections
- Esophageal Neoplasms
- Fetal Diseases
- Fetal Membranes
- Gastrointestinal Neoplasms
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Gingivitis
- Glomerulonephritis
- Graft vs Host Disease
- Graves Disease
- Graves Ophthalmopathy
- Head and Neck Neoplasms
- Heart Diseases
- Helicobacter Infections
- Hematologic Diseases
- Hemophilia A

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- Hepatitis B
- Hepatitis C
- HIV Infections
- HIV-Associated Lipodystrophy Syndrome
- Hodgkin Disease
- Hydatidiform Mole
- Hypersensitivity
- Hypertension
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Insulin Resistance
- Intracranial Arteriosclerosis
- Kidney Calculi
- Kidney Failure
- Kidney Neoplasms
- Latex Hypersensitivity
- Leiomyoma
- Lichen Planus
- Liver Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lupus Nephritis
- Lymphadenitis
- Lymphoma

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- Lymphoproliferative Disorders
- Macular Degeneration
- Metabolic Syndrome X
- Metaplasia
- Mouth Neoplasms
- Mucocutaneous Lymph Node Syndrome
- Multiple Myeloma
- Musculoskeletal Diseases
- Mycobacterium Infections
- Myocardial Infarction
- Nasopharyngeal Neoplasms
- Neoplasms
- Obesity
- Obstetric Labor
- Occupational Diseases
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Pancreatic cancer
- Pancreatic Neoplasms
- Periodontitis
- Pneumoconiosis
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia

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- Pregnancy Complications
- Premature Birth
- Prostate cancer
- Prostatic Neoplasms
- Proteinuria
- Pulmonary Disease
- Purpura
- Recurrence
- Respiratory Syncytial Virus Infections
- Retinal Vein Occlusion
- Rhinitis
- Sarcoidosis
- Schistosomiasis mansoni
- Schizophrenia
- Skin Diseases
- Stomach Neoplasms
- Stomach Ulcer
- Stroke
- Substance Abuse
- Thyroid Diseases
- Tuberculosis
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Uveitis
- Vasculitis
- Waldenstrom Macroglobulinemia

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- Werner syndrome
- Wounds and Injuries

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