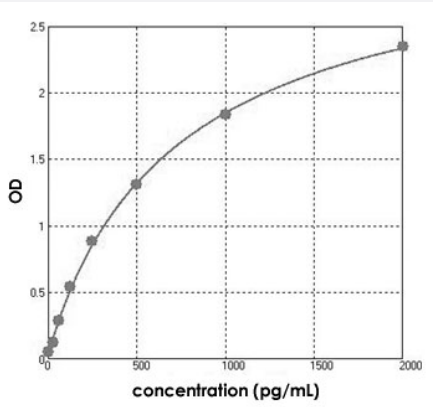
IL1R1 (Human) ELISA Kit

Catalog # KA4902 Size 1 Kit

Applications



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

Specification

Product Description	IL1R1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL1R1.
Suitable Sample	Cell culture supernatant, Plasma, Serum, Tissue homogenate
Sample Volume	100 uL (Prediluted)
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

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Storage Instruction	Store at 4°C for 4 months, or at -20°C for 8 months.

Applications

- Quantification

Gene Info — IL1R1

Entrez GeneID	3554
Gene Name	IL1R1
Gene Alias	CD121A, D2S1473, IL-1R-alpha, IL1R, IL1RA, P80
Gene Description	interleukin 1 receptor, type I
Omim ID	147810
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein is a receptor for interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA). It is an important mediator involved in many cytokine induced immune and inflammatory responses. This gene along with interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 2 (IL1RL2), and interleukin 1 receptor-like 1 (IL1RL1) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by RefSeq
Other Designations	OTTHUMP00000161344|antigen CD121a|interleukin 1 receptor alpha, type I|interleukin receptor 1

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction
- Hematopoietic cell lineage
- MAPK signaling pathway

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Disease

- Acquired Immunodeficiency Syndrome
- Acute Disease
- Albuminuria
- Alcoholism
- Alveolar Bone Loss
- Alveolitis
- Alzheimer disease
- Anemia
- Arthritis
- Asthma
- Atherosclerosis
- Bone Resorption
- Brain Ischemia
- Bronchiolitis
- Cadaver
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cerebrovascular Disorders
- Chlamydophila Infections
- Chorioamnionitis
- Chronic Disease
- Colitis

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- Common Variable Immunodeficiency
- Connective Tissue Diseases
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Coronary Restenosis
- Coronary Stenosis
- Crohn Disease
- Cystic fibrosis
- Dengue
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Diabetic Retinopathy
- Disease Progression
- Disease Susceptibility
- Edema
- Endometriosis
- Epilepsy
- Esophageal Neoplasms
- Esophagitis
- Fatigue Syndrome
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Glomerulonephritis

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- Gout
- Graft vs Host Disease
- Graves Disease
- Graves Ophthalmopathy
- Head and Neck Neoplasms
- Helicobacter Infections
- Hematologic Diseases
- Hematuria
- Hemorrhagic Fever with Renal Syndrome
- Hepatitis B
- HIV Seropositivity
- Hodgkin Disease
- Hypercholesterolemia
- Hypertension
- Idiopathic Pulmonary Fibrosis
- Infant
- Infection
- Inflammation
- Inflammatory Bowel Diseases
- Intervertebral Disk Displacement
- Irritable Bowel Syndrome
- Laryngeal Neoplasms
- Leptospirosis
- Leukemia
- Lung Diseases
- Lung Neoplasms

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- Lupus Erythematosus
- Lymphoproliferative Disorders
- Malaria
- Meningococcal Infections
- Mental Disorders
- Metabolic Diseases
- Metabolic Syndrome X
- Mouth Neoplasms
- Multiple Myeloma
- Multiple Sclerosis
- Musculoskeletal Diseases
- Myocardial Infarction
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Neuropsychological Tests
- Obesity
- Obstetric Labor
- Occupational Diseases
- Osteoarthritis
- Osteolysis
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pain
- Parasitemia

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- Paratyphoid Fever
- Pemphigus
- Periodontal Attachment Loss
- Periodontal Diseases
- Periodontitis
- Pharyngeal Neoplasms
- Postoperative Complications
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prosthesis Failure
- Proteinuria
- Psoriasis
- Pulmonary Fibrosis
- Q Fever
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Syncytial Virus Infections
- Sarcoidosis
- Schizophrenia
- Scleroderma
- Seizures
- Sepsis
- Skin Diseases
- Skin Ulcer

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- Spondylitis
- Stomach Neoplasms
- Stroke
- Thyroiditis
- Tuberculosis
- Typhoid Fever
- Urinary Bladder Neoplasms
- Urinary Calculi
- Venous Thrombosis
- Waldenstrom Macroglobulinemia
- Werner syndrome

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