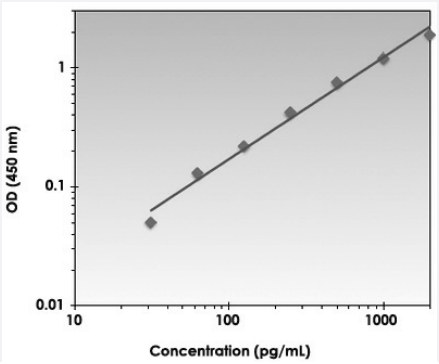
IL1R2 (Human) ELISA Kit

Catalog # KA2211 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	IL1R2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL1R2.
Suitable Sample	Cell Lysate, Plasma, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	32 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Expiration Date	Kit expiration is 3 months from date of shipment
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.

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Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — IL1R2

Entrez GeneID	7850
Gene Name	IL1R2
Gene Alias	CD121b, IL1RB, MGC47725
Gene Description	interleukin 1 receptor, type II
Omim ID	147811
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 binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq
Other Designations	antigen CDw121b|type II interleukin-1 receptor, beta

Pathway

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

Disease

- Alveolar Bone Loss

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- Alzheimer disease
- Asthma
- Atherosclerosis
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Chorioamnionitis
- Connective Tissue Diseases
- Coronary Artery Disease
- Dengue
- Diabetes Mellitus
- Ductus Arteriosus
- Edema
- Fetal Diseases
- Fetal Membranes
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Infant
- Infection
- Inflammation
- Intervertebral Disk Displacement
- Lymphoproliferative Disorders
- Multiple Myeloma
- Musculoskeletal Diseases
- Obstetric Labor

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- Occupational Diseases
- Osteoarthritis
- Periodontal Attachment Loss
- Periodontal Diseases
- Periodontitis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Respiratory Syncytial Virus Infections
- Skin Diseases
- Spondylitis
- Venous Thrombosis
- Waldenstrom Macroglobulinemia
- Werner syndrome

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