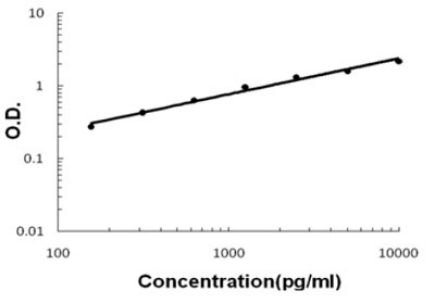
IL15RA (Human) ELISA Kit

Catalog # KA5459 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	IL15RA (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human IL15RA in cell culture supernates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, Serum and Plasma (heprain, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulatory 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 six months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

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Applications

- Quantification

Gene Info — IL15RA

Entrez GeneID	3601
Gene Name	IL15RA
Gene Alias	MGC104179
Gene Description	interleukin 15 receptor, alpha
Omim ID	601070
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that specifically binds IL15 with high affinity. The receptors of IL15 and IL2 share two subunits, the IL2R beta and IL2R gamma chains. This forms the basis of many overlapping biological activities of IL15 and IL2. The IL2 receptor requires an additional IL2-specific alpha subunit for high affinity IL2 binding. This protein is structurally related to IL2R alpha, but is capable of binding IL15 with high affinity independent of other subunits, which suggests the distinct roles between IL15 and IL2. This receptor is reported to enhance cell proliferation and expression of apoptosis inhibitor BCL2L1/BCL2-XL and BCL2. Multiple alternatively spliced transcript variants of this gene have been reported. The full length sequences of only two variants encoding distinct isoforms are available. [provided by RefSeq
Other Designations	OTTHUMP00000019021|OTTHUMP00000019022

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Adenocarcinoma
- Alzheimer Disease

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- Asthma
- Bronchiolitis
- Carcinoma
- Celiac Disease
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hyperparathyroidism
- Infant
- Kidney Failure
- Lung Neoplasms
- Lymphoma
- Metabolic Syndrome X
- Obesity
- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Syndrome
- Urinary Bladder Neoplasms
- Werner syndrome

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