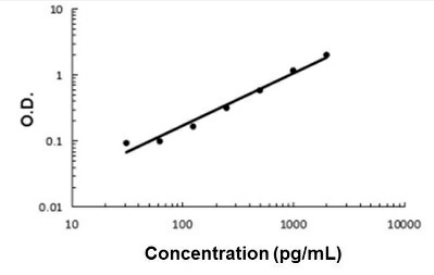
IL19 (Human) ELISA Kit

Catalog # KA5449 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	IL19 (Human) ELISA kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human IL19 in cell culture supernates, serum, plasma (heparin, EDTA) and urine.
Suitable Sample	Cell Cuture Supernatants, Plasma (heparin, EDTA), Serum, Urine
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2-2000 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 6 months or at -20°C for 12 months. Avoid repeated freeze-thaw cycles. Centrifuge tubes briefly to spin down all components to the bottom before opening.

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Applications

- Quantification

Gene Info — IL19

Entrez GeneID	29949
Gene Name	IL19
Gene Alias	IL-10C, MDA1, NG.1, ZMDA1
Gene Description	interleukin 19
Omim ID	605687
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described. [provided by RefSeq
Other Designations	melanoma differentiation associated protein-like protein

Pathway

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

Disease

- Asthma
- Bronchiolitis
- Depressive Disorder
- Diabetes Mellitus

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- Disease Progression
- DNA Damage
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis B
- Hepatitis C
- Hodgkin Disease
- Infant
- Inflammation
- Leukemia
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases
- Panic Disorder
- Psoriasis
- Respiratory Syncytial Virus Infections
- Tobacco Use Disorder
- Waldenstrom Macroglobulinemia
- Werner syndrome

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