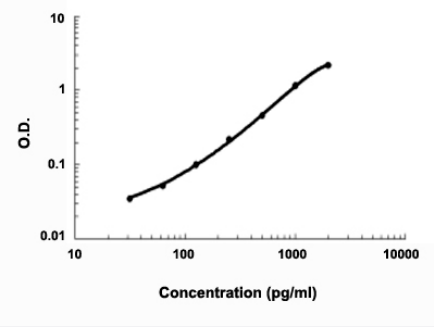
IL16 (Human) ELISA Kit

Catalog # KA3880 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	IL16 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL16.
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
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.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — IL16

Entrez GeneID	3603
Gene Name	IL16
Gene Alias	FLJ16806, FLJ42735, FLJ44234, HsT19289, IL-16, LCF, prIL-16
Gene Description	interleukin 16 (lymphocyte chemoattractant factor)
Omim ID	603035
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cyto kine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is fou nd to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is re ported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000190849|OTTHUMP00000190850|interleukin 16|lymphocyte chemoattractant fac tor

Disease

- Asthma
- Biliary Tract Neoplasms
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chronic Disease
- Colorectal Neoplasms

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- Dermatitis
- Diabetes Mellitus
- DNA Damage
- Edema
- Endometriosis
- Esophagitis
- Genetic Predisposition to Disease
- Graves Disease
- Hepatitis C
- Hypersensitivity
- Infant
- Inflammation
- Kidney Neoplasms
- Leukemia
- Liver Failure
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Nasopharyngeal Neoplasms
- Pain
- Periodontitis
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Radiation Injuries
- Radiation Pneumonitis

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- Recurrence
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms

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