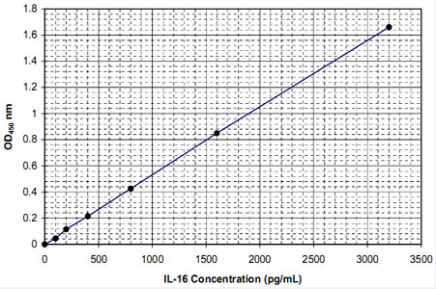
IL16 (Human) ELISA Kit

Catalog # KA0520 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	IL16 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human IL16.
Suitable Sample	Cell Culture Supernatant, Plasma, Serum
Sample Volume	200 uL
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	20 to 3180 pg/mL
Limit of Detection	20 pg/mL
Reactivity	Human
Regulation 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.

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Storage Instruction	Store the kit at 4°C.

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

Publication Reference

- Human eosinophils elaborate the lymphocyte chemoattractants. IL-16 (lymphocyte chemoattractant factor) and RANTES.

  Lim KG, Wan HC, Bozza PT, Resnick MB, Wong DT, Cruikshank WW, Kornfeld H, Center DM, Weller PF.

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- Bronchial epithelial cells of patients with asthma release chemoattractant factors for T lymphocytes.

  Bellini A, Yoshimura H, Vittori E, Marini M, Mattoli S.

  The Journal of Allergy and Clinical Immunology 1993 Sep; 92(3):412.

- Modulation of lymphocyte migration by human lymphokines. I. Identification and characterization of chemoattractant activity for lymphocytes from mitogen-stimulated mononuclear cells.

  Center DM, Cruikshank W.

  The Journal of Imunology 1982 Jun; 128(6):2563.

Disease

- Asthma
- Biliary Tract Neoplasms
- Bronchiolitis
- Carcinoma
- Cardiovascular Diseases
- Celiac Disease
- Chronic Disease
- Colorectal Neoplasms
- Dermatitis
- Diabetes Mellitus
- DNA Damage
- Edema
- Endometriosis
- Esophagitis
- Genetic Predisposition to Disease
- Graves Disease
- Hepatitis C

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- 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
- Recurrence
- Respiratory Syncytial Virus Infections
- Stomach Neoplasms

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