

Human interleukin 16 (lymphocyte chemoattractant factor) ELISA Kit | IL16 elisa kit

Human Interleukin 16, IL-16 ELISA Kit

CATALOG #
AAA15676

REACTIVITY
Human

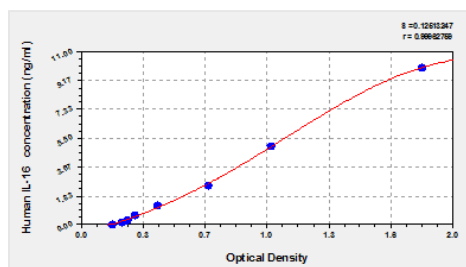
PRODUCT SYNONYMS

interleukin 16 (lymphocyte chemoattractant factor); Human Interleukin 16; IL-16 ELISA Kit; IL-16 ELISA KIT; FLJ16806; FLJ42735; FLJ44234; HsT19289; IL-16; LCF; prIL-16; OTTHUMP00000190849; OTTHUMP00000190850; interleukin 16; lymphocyte chemoattractant factor; IL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-16. No significant cross-reactivity or interference between human IL-16 and analogues was observed.
Sequence Length	1331
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL16 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-16 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-16 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289063395
NCBI GeneID	3603
NCBI Accession #	NP_001165599.1
NCBI GenBank Nucleotide #	NM_001172128.1
UniProt Accession #	Q14005; Q16435; Q6VVE6; Q6ZMQ7; Q9UP18; A6NM20; A8MU65; B9EGR6
Molecular Weight	141,752 Da
NCBI Official Full Name	pro-interleukin-16 isoform 3
NCBI Official Synonym Full Names	interleukin 16
NCBI Official Symbol	IL16
NCBI Official Synonym Symbols	LCF; NIL16; PRIL16; prIL-16
NCBI Protein Information	pro-interleukin-16; prointerleukin 16; neuronal interleukin 16; lymphocyte chemoattractant factor
UniProt Protein Name	Pro-interleukin-16
UniProt Gene Name	IL16
UniProt Synonym Gene Names	IL-16; LCF
UniProt Entry Name	IL16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/il16-human-elisa-kits/interleukin-16-lymphocyte-chemoattractant-factor/15676>