

Rat Interleukin 16, IL-16 ELISA Kit | IL-16 elisa kit

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CATALOG #
AAA41110

REACTIVITY
Rat

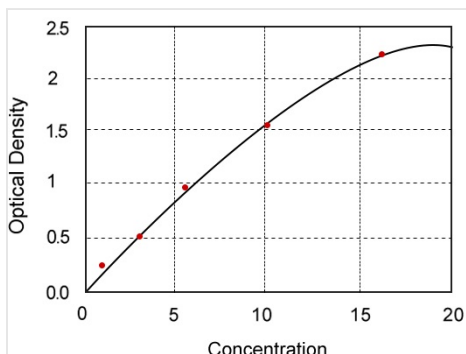
PRODUCT SYNONYMS

Interleukin 16; IL-16; Rat Interleukin 16; IL-16 ELISA Kit; IL-16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1331
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1ng/L - 400ng/L
Sensitivity	0.54ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-16 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Interleukin 16 (also known as IL-16) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IL-16 antibody. IL-16 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IL-16 Antibody is added and binds to IL-16 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-16 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IL-16. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223460532
NCBI GeneID	3603
UniProt Accession #	Q14005; Q16435; Q6VVE6; Q6ZMQ7; Q9UP18; A6NM20; A8MU65; B5TY35; B9EGR6; H3BVH5
Molecular Weight	141,681 Da
NCBI Official Full Name	IL16 protein
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
UniProt Protein Name	Pro-interleukin-16
UniProt Gene Name	IL16
UniProt Synonym Gene Names	IL-16; LCF

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/rat-elisa-kits/interleukin-16-il-16/41110>