

Sheep Interleukin 16 ELISA Kit | IL-16 elisa kit

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CATALOG #
AAA93450

REACTIVITY
Sheep

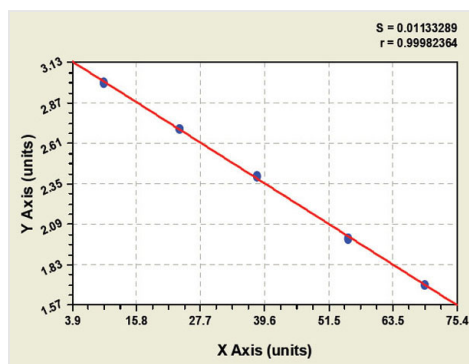
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This IL-16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep IL-16. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-16 elisa kit

Principle of the assay: IL-16 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-16 antibody and an IL-16-HRP conjugate. The assay sample and buffer are incubated together with IL-16-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-16 concentration since IL-16 from samples and IL-16-HRP conjugate compete for the anti-IL-16 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-16 from the sample, fewer sites are left to bind IL-16-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-16 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-16 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	116283877
NCBI GeneID	3603
Molecular Weight	66,646 Da
NCBI Official Full Name	IL16 protein, partial
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://stage.aaabiotech.com/il-16-sheep-elisa-kits/interleukin-16/93450>