

Mouse CXCL16 ELISA Kit | CXCL16 elisa kit

CXCL16 Mouse ELISA Kit

CATALOG # AAA58987	REACTIVITY Mouse	APPLICATIONS ELISA
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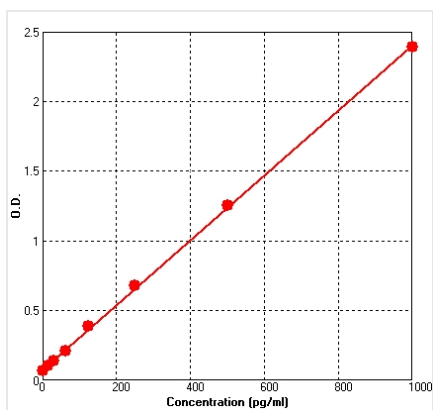
PRODUCT SYNONYMS

CXCL16; CXCL16 Mouse ELISA Kit; Mouse CXCL16; CXCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 1pg/ml
Applicable Applications for CXCL16 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL16 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CXCL16 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CXCL16 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CXCL16 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CXCL16 can be calculated. Background: Chemokine (C-X-C motif) ligand 16 (CXCL16) is a small cytokine belonging to the CXC chemokine family. It is a 273-amino acid protein which was the first transmembrane CXC chemokine identified. The CXCL16 was present on CD11C-positive splenic and lymph node dendritic cells, and this expression was increased after injection with lipopolysaccharide. It was expressed as a cell surface bound molecule, as well as a soluble chemokine. CXCL16 is produced by dendritic cells found in the T cell zones of lymphoid organs, and by cells found in the red pulp of the spleen. Expression of CXCL16 is induced by the inflammatory cytokines IFN-gamma and TNF-alpha.
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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/mouse-elisa-kits/cxcl16/58987>