

Rat CXCL16 ELISA Kit | CXCL16 elisa kit

Rat CXCL16 (Chemokine C-X-C-Motif Ligand 16) ELISA Kit

CATALOG #
AAA163887

REACTIVITY
Rat

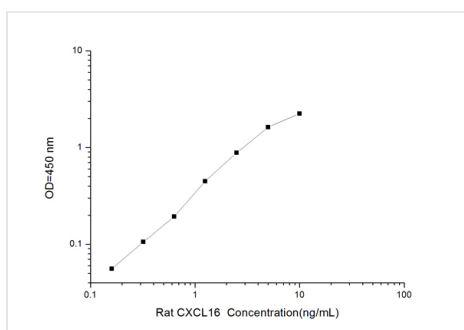
PRODUCT SYNONYMS

CXCL16; Rat CXCL16 (Chemokine C-X-C-Motif Ligand 16) ELISA Kit; CXCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CXCL16. No significant cross-reactivity or interference between Rat CXCL16 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CXCL16 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	273
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL16 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CXCL16 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CXCL16. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CXCL16 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CXCL16, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CXCL16. You can calculate the concentration of Rat CXCL16 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154816176
NCBI GeneID	58191
NCBI Accession #	NP_071342.2
NCBI GenBank Nucleotide #	NM_022059.3
UniProt Accession #	Q9H2A7; Q8TC80; Q96K63; Q9BXD6; Q9H2F6; A0N0N4; A8K7U9; B2RCB0
Molecular Weight	27,579 Da
NCBI Official Full Name	C-X-C motif chemokine 16
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 16
NCBI Official Symbol	CXCL16
NCBI Official Synonym Symbols	SRPSOX; CXCLG16; SR-PSOX
NCBI Protein Information	C-X-C motif chemokine 16; CXC chemokine ligand 16; scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; small-inducible cytokine B16; transmembrane chemokine CXCL16
UniProt Protein Name	C-X-C motif chemokine 16
UniProt Gene Name	CXCL16
UniProt Synonym Gene Names	SCYB16; SRPSOX; SR-PSOX
UniProt Entry Name	CXL16_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/rat-elisa-kits/cxcl16/163887>