

Mouse chemokine (C-X-C motif) ligand 16 ELISA Kit | CXCL16 elisa kit

Mouse CXC-chemokine ligand 16, CXCL16 ELISA Kit

CATALOG #
AAA80674

REACTIVITY
Mouse

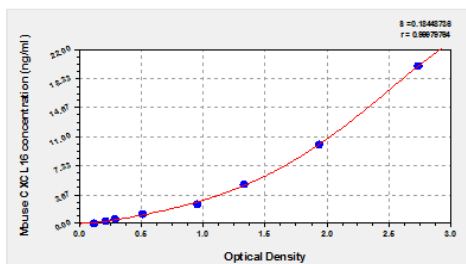
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 16; Mouse CXC-chemokine ligand 16; CXCL16 ELISA Kit; CXCLG16; SR-PSOX; SRPSOX; CXC chemokine ligand 16; CXCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CXCL16. No significant cross-reactivity or interference between Mouse CXCL16 and analogues was observed.
Sequence Length	246
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
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 CXCL16 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CXCL16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CXCL16 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 CXCL16 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 #	83745124
NCBI GeneID	66102
NCBI Accession #	NP_075647.3
NCBI GenBank Nucleotide #	NM_023158.6
UniProt Accession #	Q8BSU2; Q3UD70; Q5F2D5; Q8VE25; Q9EPB3
Molecular Weight	26,896 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	SR-PSOX; Zmynd15; AV290116; BB024863; CXCL16v1; CXCL16v2; b2b498Clo; 0910001K24Rik
NCBI Protein Information	C-X-C motif chemokine 16; SR-PSOX/CXCL16; Mutant line 498; Cxc chemokine ligand 16; small-inducible cytokine B16; transmembrane chemokine CXCL16; zinc finger, MYND-type containing 15; scavenger receptor for phosphatidylserine and oxidized low density lipoprotein
UniProt Protein Name	C-X-C motif chemokine 16
UniProt Gene Name	Cxcl16
UniProt Synonym Gene Names	Srpsox; SR-PSOX
UniProt Entry Name	CXL16_MOUSE

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.