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

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CATALOG #	REACTIVITY
AAA137261	**Rat**

PRODUCT SYNONYMS

Chemokine C-X-C-Motif Ligand 16 (CXCL16); Rat Chemokine C-X-C-Motif Ligand 16 (CXCL16) ELISA Kit; SR-PSOX; CXCLG16; SRPSOX; Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein; Small-inducible cytokine B16; CXCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CUX2. No significant cross-reactivity or interference between CUX2 and analogues was observed.
Sequence Length	273
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CUX2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CUX2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL16 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CUX2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CUX2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CUX2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CUX2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CUX2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CXCL16 elisa kit	Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	119610822
NCBI GeneID	58191
UniProt Accession #	Q9H2A7; Q8TC80; Q96K63; Q9BXD6; Q9H2F6; A0N0N4; A8K7U9; B2RCB0
Molecular Weight	27,579 Da
NCBI Official Full Name	chemokine (C-X-C motif) ligand 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
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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