Bovine CXC-chemokine ligand 16 ELISA Kit | CXCL16 elisa kit

Bovine CXC-chemokine ligand 16 ELISA Kit

CATALOG #	REACTIVITY
AAA91887	**Bovine**

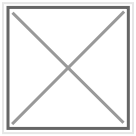
PRODUCT SYNONYMS

CXC-chemokine ligand 16; Bovine CXC-chemokine ligand 16 ELISA Kit; CXCL16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL16 elisa kit	**For samples:** Serum, plasma, cell culture supernatants, body fluid and tissue homogenate **INTENDED USE** This CXCL16 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CXCL16. This ELISA kit for research use only! **PRINCIPLE OF THE ASSAY** CXCL16 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CXCL16 antibody and an CXCL16-HRP conjugate. The assay sample and buffer are incubated together with CXCL16-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 CXCL16 concentration since CXCL16 from samples and CXCL16-HRP conjugate compete for the anti-CXCL16 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL16 from the sample, fewer sites are left to bind CXCL16-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL16 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CXCL16 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	154816178

NCBI GeneID	58191
NCBI Accession #	NP_001094282.1
NCBI GenBank Nucleotide #	NM_001100812.1
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; small-inducible cytokine B16; transmembrane chemokine CXCL16; 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	SCYB16; SRPSOX; UNQ2759/PRO6714; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/cxcl16-bovine-ovine-elisa-kits/cxc-chemokine-ligand-16/91887