Bovine CXC-chemokine ligand 10 ELISA Kit | CXCL10 elisa kit

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CATALOG #	REACTIVITY
AAA95796	**Bovine**

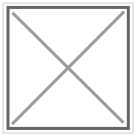
PRODUCT SYNONYMS

CXC-chemokine ligand 10; Bovine CXC-chemokine ligand 10 ELISA Kit; CXCL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 CXCL10 elisa kit	Intended Uses: This CCL10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCL10. This ELISA kit for research use only! Principle of the Assay: CCL10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCL10 antibody and an CCL10-HRP conjugate. The assay sample and buffer are incubated together with CCL10-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 CCL10 concentration since CCL10 from samples and CCL10-HRP conjugate compete for the anti-CCL10 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL10 from the sample, fewer sites are left to bind CCL10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL10 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CXCL10 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	149999382
NCBI GeneID	3627

NCBI Accession #	NP_001556.2
NCBI GenBank Nucleotide #	NM_001565.3
Molecular Weight	10,881 Da
NCBI Official Full Name	C-X-C motif chemokine 10
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 10
NCBI Official Symbol	CXCL10
NCBI Official Synonym Symbols	C7; IFI10; INP10; IP-10; crg-2; mob-1; SCYB10; gIP-10
NCBI Protein Information	C-X-C motif chemokine 10; gamma IP10; gamma-IP10; small-inducible cytokine B10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; protein 10 from interferon (gamma)-induced cell line; small inducible cytokine subfamily B (Cys-X-Cys), member 10
UniProt Protein Name	C-X-C motif chemokine 10
UniProt Gene Name	**CXCL10**
UniProt Synonym Gene Names	INP10; SCYB10; Gamma-IP10; IP-10
UniProt Entry Name	CXL10_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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