

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

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CATALOG # AAA17080	REACTIVITY Monkey
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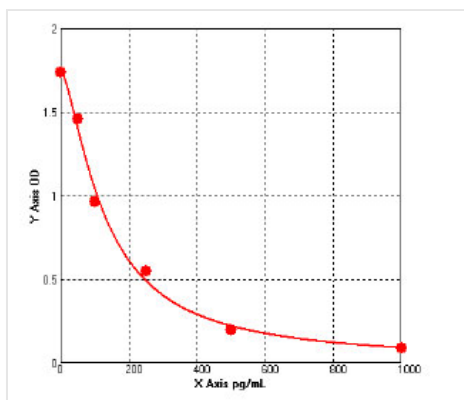
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCL-10. No significant cross-reactivity or interference between CXCL-10 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CXCL-10 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/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	Principle of the Assay: CXCL-10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CXCL-10 antibody and an CXCL-10-HRP conjugate. The assay sample and buffer are incubated together with CXCL-10-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 CXCL-10 concentration since CXCL-10 from samples and CXCL-10-HRP conjugate compete for the anti-CXCL-10 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL-10 from the sample, fewer sites are left to bind CXCL-10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL-10 concentration in each sample is interpolated from this standard curve. Intended Uses: This CXCL-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CXCL-10. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cxcl10-monkey-elisa-kits/cxc-chemokine-ligand-10/17080>