

Mouse CXCL10/IP-10 ELISA Kit | CXCL10 elisa kit

Mouse CXCL10/IP-10 PicoKine ELISA Kit

CATALOG #
AAA45272

REACTIVITY
Mouse

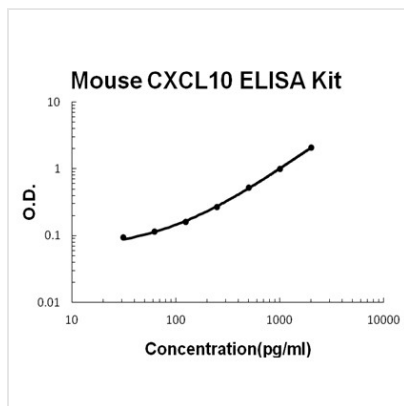
PRODUCT SYNONYMS

CXCL10/IP-10; Mouse CXCL10/IP-10 PicoKine ELISA Kit; C-X-C motif chemokine 10; chemokine (C-X-C motif) ligand 10; 10 kDa interferon gamma-induced protein; C7; Chemokine (C X C motif) ligand 10; Chemokine CXC motif ligand 10; Crg 2; CRG2; CXCL10; CXCL10(1-73); CXL10_HUMAN; Gamma IP10; Gamma-IP10; gIP 10; GIP10; IFI10; INP 10; Interferon activated gene 10; Interferon gamma induced cell line; Interferon inducible cytokine IP10; IP 10; IP-10; MOB1; SCYB10; Small inducible cytokine B10; Small inducible cytokine B10 precursor; Small inducible cytokine subfamily B (Cys X Cys) member 10; Small inducible cytokine subfamily B CXC member 10; Small-inducible cytokine B10; CXCL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CXCL10
Sequence Length	98
Samples	Cell culture supernates, serum and plasma (heparin)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 1pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse CXCL10/IP-10 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL10 elisa kit	Principle of the assay: mouse CXCL10 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CXCL10 has been precoated onto 96-well plates. Standards(E.coli,l22-P98) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CXCL10 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse CXCL10 amount of sample captured in plate. Background: Chemokine (C-X-C motif) ligand 10 (CXCL10) or IP-10 is a small cytokine belonging to the CXC chemokine family that is also known as 10 kDa interferon-gamma-induced protein (gamma-IP10 or IP-10). CXCL10 is secreted by several cell types in response to IFN-gamma. These cell types include monocytes, endothelial cells and fibroblasts. CXCL10 has been attributed to several roles, such as chemoattraction for monocytes/macrophages, T cells, NK cells, and dendritic cells, promotion of T cell adhesion to endothelial cells, antitumor activity, and inhibition of bone marrow colony formation and angiogenesis.It is a potent inhibitor of angiogenesis in vivo. The gene for CXCL10 is located on human chromosome 4 in a cluster among several other CXC chemokines. It is a RAS target gene and is overexpressed in the majority of colorectal cancers.This chemokine elicits its effects by binding to the cell surface chemokine receptor CXCR3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124494
NCBI GeneID	15945
UniProt Accession #	P17515
Molecular Weight	10,789 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; IP10; CRG-2; INP10; IP-10; Ifi10; mob-1; Scyb10; gIP-10
NCBI Protein Information	C-X-C motif chemokine 10; gamma-IP10; interferon activated gene 10; small-inducible cytokine B10; interferon-gamma induced protein CRG-2; interferon-gamma-induced protein CRG-2; 10 kDa interferon gamma-induced protein; small inducible cytokine B subfamily (Cys-X-Cys), member 10
UniProt Protein Name	C-X-C motif chemokine 10
UniProt Gene Name	Cxcl10
UniProt Synonym Gene Names	Crg2; Ifi10; Inp10; Scyb10; Gamma-IP10; IP-10
UniProt Entry Name	CXL10_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cxcl10-ip-10/45272>