

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

CXCL10 / IP-10 Mouse ELISA Kit

CATALOG # AAA13510	REACTIVITY Mouse	APPLICATIONS ELISA
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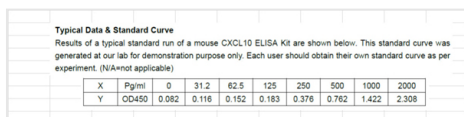
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Mouse serum, plasma, body fluids, tissue lysates or cell culture supernatants
Detection Range	31.2 pg/ml-2000 pg/ml
Sensitivity	< 1 pg/ml
Applicable Applications for CXCL10 / IP-10 elisa kit	ELISA
Application Notes	For quantitative detection of CXCL10 in mouse serum, plasma, body fluids, tissue lysates or cell culture supernatants.
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL10 / IP-10 elisa kit

Background: C-X-C motif chemokine 10 (CXCL10) also known as Interferon gamma-induced protein 10 (IP-10) or small-inducible cytokine B10 is an 8.7 kDa protein that in humans is encoded by the CXCL10 gene. The gene is located on human chromosome 4 in a cluster among several other CXC chemokines. CXCL 10 is a small cytokine belonging to the CXC chemokine family. It is secreted by several cell types in response to IFN-gamma. 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.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CXCL10 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CXCL10 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 CXCL10 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CXCL10 can be calculated.

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-10/13510>