

Horse Chemokine interferon-inducible protein 10 (IP-10) ELISA Kit | IP-10 elisa kit

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CATALOG #
AAA93808

REACTIVITY
Horse

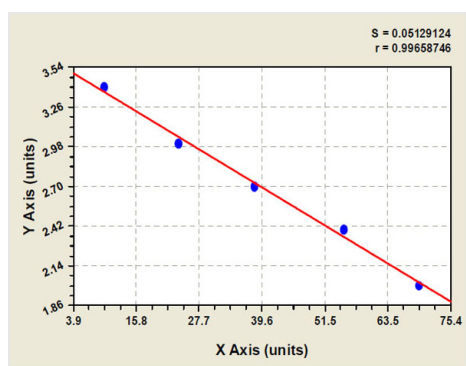
PRODUCT SYNONYMS

Chemokine interferon-inducible protein 10 (IP-10); Horse Chemokine interferon-inducible protein 10 (IP-10) ELISA Kit; IP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This IP-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Horse IP-10. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IP-10 elisa kit

Principle of the Assay: IP-10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IP-10 antibody and an IP-10-HRP conjugate. The assay sample and buffer are incubated together with IP-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 IP-10 concentration since IP-10 from samples and IP-10-HRP conjugate compete for the anti-IP-10 antibody binding site. Since the number of sites is limited, as more sites are occupied by IP-10 from the sample, fewer sites are left to bind IP-10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IP-10 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	976159
NCBI GeneID	15945
UniProt Accession #	P17515
Molecular Weight	10,789 Da
NCBI Official Full Name	IP-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/horse-elisa-kits/chemokine-interferon-inducible-protein-10-ip-10/93808>