

Monkey Chemokine interferon-inducible protein 10 ELISA Kit | IP-10 elisa kit

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CATALOG #
AAA91286

REACTIVITY
Monkey

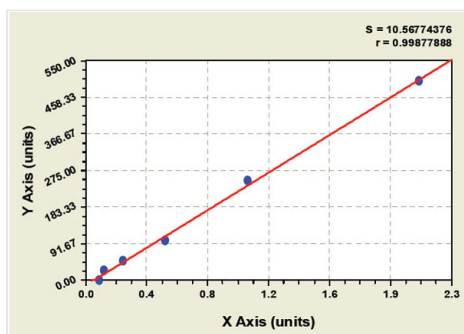
PRODUCT SYNONYMS

Chemokine interferon-inducible protein 10; Monkey Chemokine interferon-inducible protein 10 ELISA Kit; IP-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This IP-10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey 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



ADDITIONAL INFORMATION

Related Product Information for IP-10 elisa kit

Principle of the Assay: IP-10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IP-10. Standards or samples are then added to the microtiter plate wells and IP-10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IP-10 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for IP-10 are added to each well to "sandwich" the IP-10 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IP-10 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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
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.