

Rat chemokine (C-X-C motif) ligand 10 ELISA Kit | CXCL10 elisa kit

Rat interferon-inducible protein 10, IP-10 ELISA Kit

CATALOG #
AAA15325

REACTIVITY
Rat

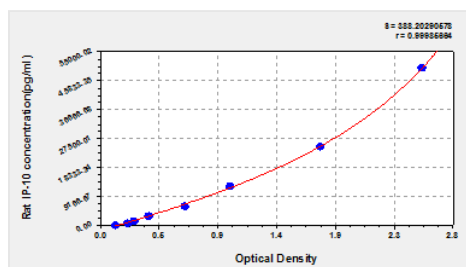
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 10; Rat interferon-inducible protein 10; IP-10 ELISA Kit; C7; IFI10; INP10; IP-10; SCYB10; crg-2; gIP-10; mob-1; gamma IP10; interferon-inducible cytokine IP-10; protein 10 from interferon (gamma) -induced cell line; small inducible cytokine B10; small inducibl; CXCL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat IP-10. No significant cross-reactivity or interference between rat IP-10 and analogues was observed.
Sequence Length	98
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	781.25 pg/ml -50000 pg/ml.
Sensitivity	195 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL10 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IP-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IP-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IP-10 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IP-10 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20806125
NCBI GeneID	245920
NCBI Accession #	NP_620789.1
NCBI GenBank Nucleotide #	NM_139089.1
UniProt Accession #	P48973; P70538; Q6GTC7
Molecular Weight	10,729 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	IP-10; Scyb10
NCBI Protein Information	C-X-C motif chemokine 10; gamma-IP10; protein Mob-1; small-inducible cytokine B10; interferon-inducible protein 10; interferon-inducible cytokine IP-10; 10 kDa interferon gamma-induced protein; small inducible cytokine B subfamily (Cys-X-Cys) member 10; 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	Inp10; Mob1; Scyb10; Gamma-IP10; IP-10
UniProt Entry Name	CXL10_RAT

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.