

Human CXCL6/GCP2 ELISA Kit | CXCL6 elisa kit

Human CXCL6/GCP2 PicoKine ELISA Kit

CATALOG #
AAA45591

REACTIVITY
Human

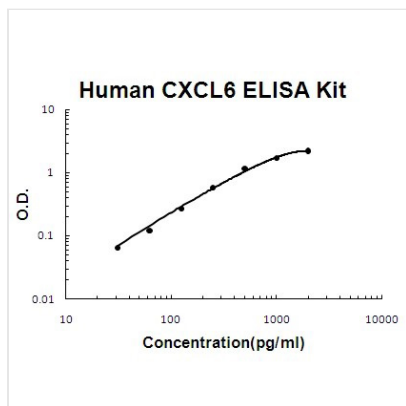
PRODUCT SYNONYMS

CXCL6/GCP2; Human CXCL6/GCP2 PicoKine ELISA Kit; C-X-C motif chemokine 6; chemokine (C-X-C motif) ligand 6; Chemokine alpha 3; CKA-3; CXCL6; GCP-2; GCP2; Granulocyte chemotactic protein 2; SCYB6; Small-inducible cytokine B6; CXCL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CXCL6
Sequence Length	114
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/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)

Human CXCL6/GCP2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL6 elisa kit	Principle of the assay: human CXCL6 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CXCL6 has been precoated onto 96-well plates. Standards(E.coli,V40-N114) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CXCL6 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 human CXCL6 amount of sample captured in plate. Background: Chemokine (C-X-C motif) ligand 6 (CXCL6) is a small cytokine belonging to the CXC chemokine family that is also known as granulocyte chemotactic protein 2 (GCP-2). As its former name suggests, CXCL6 is a chemoattractant for neutrophilic granulocytes. It elicits its chemotactic effects by interacting with the chemokine receptors CXCR1 and CXCR2. The gene for CXCL6 is located on human chromosome 4 in a cluster with other CXC chemokine genes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2851486
NCBI GeneID	6372
UniProt Accession #	P80162; Q4W5D4; B2R4X3
Molecular Weight	11,897 Da
NCBI Official Full Name	C-X-C motif chemokine 6
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 6
NCBI Official Symbol	CXCL6
NCBI Official Synonym Symbols	GCP2; CKA-3; GCP-2; SCYB6
NCBI Protein Information	C-X-C motif chemokine 6; chemokine alpha 3; small-inducible cytokine B6; granulocyte chemotactic protein 2; Small inducible cytokine subfamily B (Cys-X-Cys), member b; chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2); small inducible cytokine subfamily B (Cys-X-Cys), member 6 (granulocyte chemotactic protein 2)
UniProt Protein Name	C-X-C motif chemokine 6
UniProt Gene Name	CXCL6
UniProt Synonym Gene Names	GCP2; SCYB6; CKA-3; GCP-2
UniProt Entry Name	CXCL6_HUMAN

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.