

Human CXCL9/Mig ELISA Kit | CXCL9 elisa kit

Human CXCL9/Mig PicoKine Quick ELISA Kit

CATALOG # AAA126810	REACTIVITY Human	APPLICATIONS ELISA
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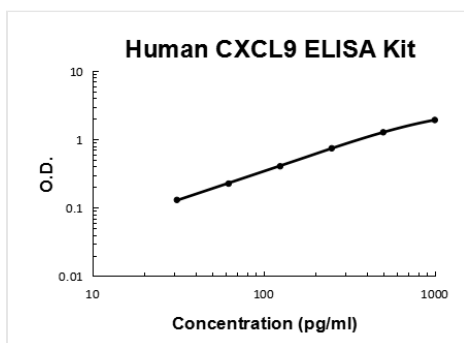
PRODUCT SYNONYMS

CXCL9/Mig; Human CXCL9/Mig PicoKine Quick ELISA Kit; CXCL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CXCL9
Assay Type	Sandwich
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<2 pg/ml
Applicable Applications for CXCL9 elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CXCL9 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL9 elisa kit	Background: Chemokine(C-X-C motif) ligand 9(CXCL9) is a small cytokine belonging to the CXC chemokine family that is also known as Monokine induced by gamma interferon(MIG). CXCL9 is a T-cell chemoattractant, which is induced by IFN-gamma. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4.1, 2 CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3.3 The standard product used in this kit is recombinant human CXCL9, consisting of 103 amino acids with the molecular mass of 11.7KDa. Principle of the Assay: The Quick Picokine™ Human CXCL9 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CXCL9 in cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA). It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CXCL9 protein as standards. To measure Human CXCL9, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Human CXCL9 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CXCL9 in the sample.
Product Categories/Family for CXCL9 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505187
NCBI GeneID	4283
NCBI Accession #	NP_002407.1
NCBI GenBank Nucleotide #	NM_002416.2
UniProt Accession #	Q07325; Q503B4
Molecular Weight	14,019 Da
NCBI Official Full Name	C-X-C motif chemokine 9
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 9
NCBI Official Symbol	CXCL9
NCBI Official Synonym Symbols	CMK; MIG; Humig; SCYB9; crg-10
NCBI Protein Information	C-X-C motif chemokine 9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma; small-inducible cytokine B9
UniProt Protein Name	C-X-C motif chemokine 9
UniProt Gene Name	CXCL9
UniProt Synonym Gene Names	CMK; MIG; SCYB9; HuMIG; MIG
UniProt Entry Name	CXCL9_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.