

Guinea Pig Chemokine C-X-C-Motif Ligand 9 ELISA Kit | CXCL9 elisa kit

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CATALOG #
AAA95957

REACTIVITY
Guinea Pig

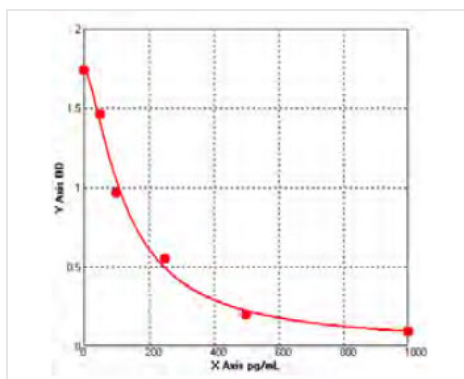
PRODUCT SYNONYMS

Chemokine C-X-C-Motif Ligand 9; Guinea pig Chemokine C-X-C-Motif Ligand 9 ELISA Kit; CXCL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCL9. No significant cross-reactivity or interference between CXCL9 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CXCL9 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL9 elisa kit	Principle of the Assay: CXCL9 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CXCL9 antibody and an CXCL9-HRP conjugate. The assay sample and buffer are incubated together with CXCL9-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 CXCL9 concentration since CXCL9 from samples and CXCL9-HRP conjugate compete for the anti-CXCL9 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL9 from the sample, fewer sites are left to bind CXCL9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL9 concentration in each sample is interpolated from this standard curve. Intended Uses: This CXCL9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig CXCL9. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CXCL9 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505187
NCBI GeneID	4283
NCBI Accession #	NP_002407.1
NCBI GenBank Nucleotide #	NM_002416.1
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; small-inducible cytokine B9; gamma-interferon-induced monokine; monokine induced by gamma interferon; monokine induced by interferon-gamma
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.

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Online datasheet: <https://stage.aaabiotech.com/cxcl9-guinea-pig-pig-elisa-kits/chemokine-c-x-c-motif-ligand-9/95957>