

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

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CATALOG #
AAA95669

REACTIVITY
Porcine

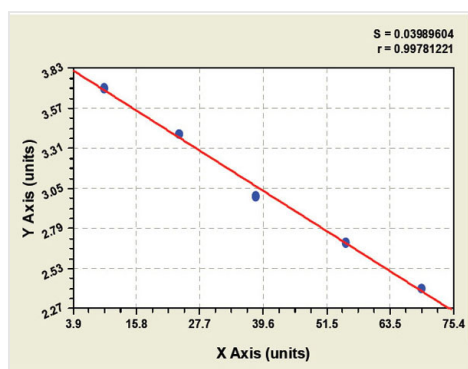
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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

Intended Uses: This CXCL9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CXCL9. This ELISA kit for research use only!

Principle of the Assay: CXCL9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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-porcine-elisa-kits/chemokine-c-x-c-motif-ligand-9/95669>