

Mouse CXCL9 ELISA Kit | CXCL9 elisa kit

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CATALOG #
AAA263113

REACTIVITY
Mouse

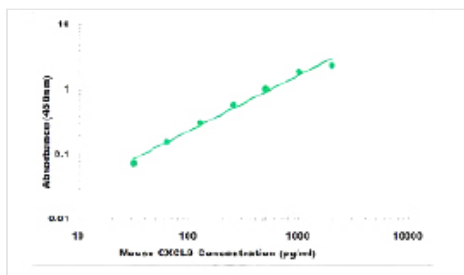
PRODUCT SYNONYMS

CXCL9; Mouse CXCL9 ELISA Kit; CMK; MIG; SCYB9; C-X-C motif chemokine 9; Gamma-interferon-induced monokine; Monokine induced by interferon-gamma; HuMIG; Small-inducible cytokine B9; CXCL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CXCL9 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CXCL9 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	126
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL9 elisa kit

Principle of the Assay: The Mouse CXCL9 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CXCL9 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse CXCL9 coated on a 96-well plate. Standards and samples are pipetted into the wells and CXCL9 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CXCL9 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CXCL9 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

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. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. The standard product used in this kit is recombinant human CXCL9, consisting of 103 amino acids with the molecular mass of 11.7KDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110626107
NCBI GeneID	17329
NCBI Accession #	NP_032625.2
NCBI GenBank Nucleotide #	NM_008599.4
UniProt Accession #	P18340; Q8C9J0; Q99J60
Molecular Weight	14,444 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; MuMIG; Scyb9; crg-10; BB139920
NCBI Protein Information	C-X-C motif chemokine 9
UniProt Protein Name	C-X-C motif chemokine 9
UniProt Gene Name	Cxcl9
UniProt Synonym Gene Names	Mig; Scyb9; MIG; MuMIG
UniProt Entry Name	CXCL9_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/cxcl9/263113>