

Rat chemokine (C-X-C motif) ligand 9 ELISA Kit | CXCL9 elisa kit

Rat C-X-C motif chemokine 9, CXCL9 ELISA Kit

CATALOG #
AAA113094

REACTIVITY
Rat

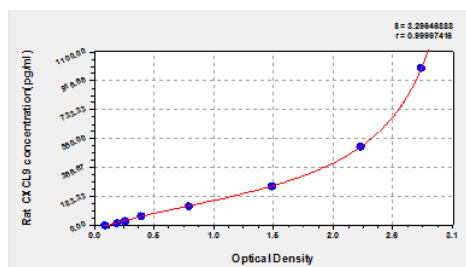
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 9; Rat C-X-C motif chemokine 9; CXCL9 ELISA Kit; Rat C-X-C motif chemokine 9 (CXCL9) ELISA kit; CMK; Humig; MIG; SCYB9; crg-10; monokine induced by gamma interferon; small inducible cytokine B9; CXCL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CXCL9. No significant cross-reactivity or interference between rat CXCL9 and analogues was observed.
Sequence Length	125
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL9 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CXCL9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CXCL9 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CXCL9 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505187
NCBI GeneID	4283
NCBI Accession #	NP_002407.1
NCBI GenBank Nucleotide #	NM_002416.1
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; 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-rat-elisa-kits/chemokine-c-x-c-motif-ligand-9/113094>