

Mouse chemokine (C-X-C motif) ligand 14 ELISA Kit | CXCL14 elisa kit

Mouse C-X-C motif chemokine 14, CXCL14 ELISA Kit

CATALOG #
AAA112978

REACTIVITY
Mouse

PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 14; Mouse C-X-C motif chemokine 14; CXCL14 ELISA Kit; Mouse C-X-C motif chemokine 14 (CXCL14) ELISA kit; BMAC; BRAK; KEC; KS1; MGC10687; MIP-2g; MIP2G; NJAC; SCYB14; CXC chemokine in breast and kidney; MIP-2 gamma; bolekin; small inducible cytokine B14; small inducible cytokine subfamily B (Cys-X-Cys); me; CXCL14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CXCL14. No significant cross-reactivity or interference between mouse CXCL14 and analogues was observed.
Sequence Length	99
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/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 CXCL14 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CXCL14 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL14 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CXCL14 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 CXCL14 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119392098
NCBI GeneID	57266
NCBI Accession #	NP_062514.2
NCBI GenBank Nucleotide #	NM_019568.2
UniProt Accession #	Q9WUQ5; Q548T5; Q91V02; Q9JHH7
Molecular Weight	11,716 Da
NCBI Official Full Name	C-X-C motif chemokine 14
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 14
NCBI Official Symbol	Cxcl14
NCBI Official Synonym Symbols	KS1; Kec; BMAC; BRAK; NJAC; MIP-2g; Scyb14; AI414372; bolekin; MIP2gamma; 1110031L23Rik; 1200006123Rik
NCBI Protein Information	C-X-C motif chemokine 14; chemokine BRAK; small-inducible cytokine B14; kidney-expressed chemokine CXC; musculus CXC chemokine MIP-2gamma; B-cell and monocyte-activating chemokine; small inducible cytokine subfamily B (Cys-X-Cys), member 14
UniProt Protein Name	C-X-C motif chemokine 14
UniProt Gene Name	Cxcl14
UniProt Synonym Gene Names	Bmac; Kec; Ks1; Mip2g; Scyb14
UniProt Entry Name	CXL14_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.

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Online datasheet: <https://stage.aaabiotech.com/cxcl14-mouse-elisa-kits/chemokine-c-x-c-motif-ligand-14/112978>