

Mouse Stromal Cell-Derived Factor 1, CXCL12 ELISA Kit | CXCL12 elisa kit

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CATALOG #
AAA123138

REACTIVITY
Mouse

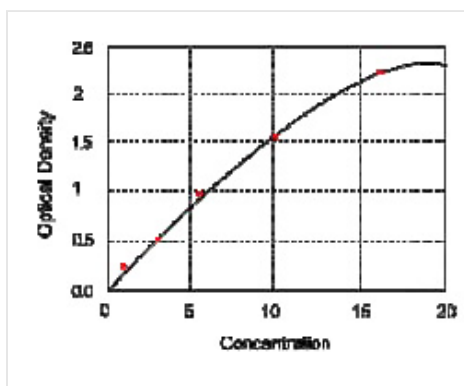
PRODUCT SYNONYMS

Stromal Cell-Derived Factor 1; CXCL12; Mouse Stromal Cell-Derived Factor 1; CXCL12 ELISA Kit; CXCL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	89
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L-1500ng/L
Sensitivity	2.61ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL12 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Sterol Regulatory Element-binding Protein 1 (also known as SREBF1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse SREBF1 antibody. SREBF1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse SREBF1 Antibody is added and binds to SREBF1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SREBF1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse SREBF1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40316924
NCBI GeneID	6387
NCBI GenBank Nucleotide #	NP_954637.1
UniProt Accession #	P48061
NCBI Official Full Name	stromal cell-derived factor 1 isoform alpha
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1
UniProt Protein Name	Stromal cell-derived factor 1
UniProt Gene Name	CXCL12
UniProt Synonym Gene Names	SDF1; SDF1A; SDF1B; SDF-1; hSDF-1; IRH; hIRH; PBSF
UniProt Entry Name	SDF1_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/mouse-elisa-kits/stromal-cell-derived-factor-1-cxcl12/123138>