

Rat CXC-chemokine ligand 12 (CXCL12) ELISA Kit | CXCL12 elisa kit

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CATALOG # AAA121154	REACTIVITY Rat
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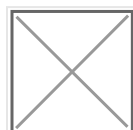
PRODUCT SYNONYMS

CXC-chemokine ligand 12 (CXCL12); Rat CXC-chemokine ligand 12 (CXCL12) ELISA Kit; CXCL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	89
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.52ng/L
Intra-Assay	CV<8%
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 Rat CXC-chemokine ligand 12 (also known as CXCL12) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CXCL12 antibody. CXCL12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CXCL12 Antibody is added and binds to CXCL12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CXCL12 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 Rat CXCL12. 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 #	47496513
NCBI GeneID	6387

UniProt Accession #	Q6ICW0 ; Q2L985 ; Q2L986 ; Q2L988 ; Q5IT36 ; Q9H554 ; B2R4G0 ; E7EVL0 ; H7BYN8 ; P48061
Molecular Weight	10,103 Da
NCBI Official Full Name	CXCL12, partial
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

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/rat-elisa-kits/cxc-chemokine-ligand-12-cxcl12/121154>