

Rat Stromal cell derived factor 1a, SDF-1a ELISA Kit | SDF-1a elisa kit

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CATALOG #
AAA42236

REACTIVITY
Rat

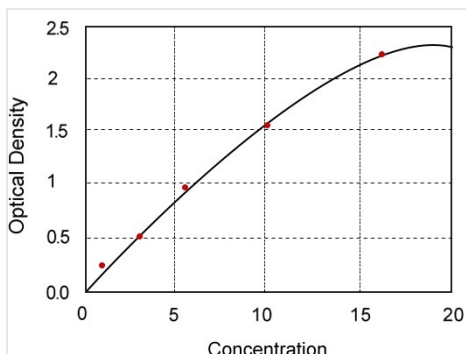
PRODUCT SYNONYMS

Stromal cell derived factor 1a; SDF-1a; Rat Stromal cell derived factor 1a; SDF-1a ELISA Kit; SDF-1a 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	0.05ng/ml - 20ng/ml
Sensitivity	0.027ng/ml
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 SDF-1a elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Stromal Cell Derived Factor 1a (also known as SDF-1a) 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 SDF-1a antibody. SDF-1a present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SDF-1a Antibody is added and binds to SDF-1a in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SDF-1a 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 SDF-1a. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58760243
NCBI GeneID	6387
Molecular Weight	10,103 Da
NCBI Official Full Name	stromal cell-derived factor 1a
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/stromal-cell-derived-factor-1a-sdf-1a/42236>