

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

Human Stromal cell derived factor 1, SDF-1 ELISA Kit

CATALOG #
AAA122497

REACTIVITY
Human

PRODUCT SYNONYMS

Stromal cell derived factor 1; SDF-1; Human Stromal cell derived factor 1; SDF-1 ELISA Kit; SDF-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	93
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-1 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	62751610
NCBI GeneID	548481
NCBI Accession #	NP_001015764.1
NCBI GenBank Nucleotide #	NM_001015764.1
UniProt Accession #	Q5EBF6
Molecular Weight	10,607 Da
NCBI Official Full Name	stromal cell-derived factor 1
NCBI Official Synonym Full Names	C-X-C motif chemokine ligand 12
NCBI Official Symbol	cxcl12
NCBI Official Synonym Symbols	pbsf; sdf1; sdf-1; sdf1a; sdf1b; tpar1; scyb12; sdf-1a; sdf-1b; t1sf-a; t1sf-b; xSDF-1; xSDF-1alpha
NCBI Protein Information	stromal cell-derived factor 1
UniProt Protein Name	Stromal cell-derived factor 1
UniProt Gene Name	cxcl12
UniProt Synonym Gene Names	sdf1By similarityManual assertion inferred from sequence similarity toUniProtKB:Q8UUJ9 (SDF1_XENLA); SDF-1By similarityManual assertion inferred from sequence similarity toUniProtKB:Q8UUJ9 (SDF1_XENLA)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/stromal-cell-derived-factor-1-sdf-1/122497>