

Human stromal cell-derived factor 1 alpha (SDF1A) ELISA Kit | SDF1A elisa kit

Human stromal cell-derived factor 1 alpha, SDF1A ELISA Kit

CATALOG #
AAA113023

REACTIVITY
Human

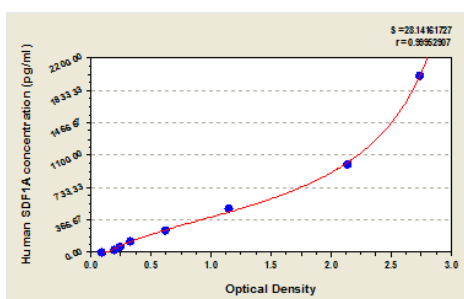
PRODUCT SYNONYMS

stromal cell-derived factor 1 alpha (SDF1A); Human stromal cell-derived factor 1 alpha; SDF1A ELISA Kit; Human stromal cell-derived factor 1 alpha (SDF1A) ELISA kit; SDF1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	89
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.81 pg/ml
Detection Wavelength	450nm
Sample Volume	50-100ul
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 SDF1A elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SDF1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SDF1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SDF1A 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 SDF1A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40316924
NCBI GeneID	6387
NCBI Accession #	NP_954637.1
NCBI GenBank Nucleotide #	NM_199168.3
UniProt Accession #	P48061; Q2L985; Q2L986; Q2L988; Q5IT36; Q6ICW0; Q9H554; B2R4G0; E7EVL0; H7BYN8
Molecular Weight	11,004 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform alpha
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor
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://www.aaabiotech.com/human-elisa-kits/stromal-cell-derived-factor-1-alpha-sdf1a/113023>