

Pig Stromal cell derived factor 1a, SDF-1a ELISA Kit | SDF1a/CXCL12 elisa kit

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CATALOG #
AAA14983

REACTIVITY
Pig

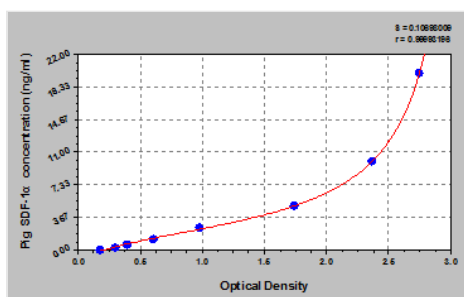
PRODUCT SYNONYMS

Stromal cell derived factor 1a; SDF-1a; Pig Stromal cell derived factor 1a; SDF-1a ELISA Kit; SDF1a/CXCL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig SDF-1alpha. No significant cross-reactivity or interference between pig SDF-1alpha and analogues was observed.
Sequence Length	89
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates and cell Lysates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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/CXCL12 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SDF-1alpha has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SDF-1alpha present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SDF-1alpha 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 SDF-1alpha bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58760243
NCBI GeneID	6387
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 1a
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://stage.aaabiotech.com/sdf1a-cxcl12-pig-elisa-kits/stromal-cell-derived-factor-1a-sdf-1a/14983>