

Monkey SDF-1/CXCL12 ELISA Kit | SDF-1/CXCL12 elisa kit

Monkey SDF-1/CXCL12 (Stromal Cell Derived Factor 1) ELISA Kit

CATALOG #
AAA21571

REACTIVITY
Monkey

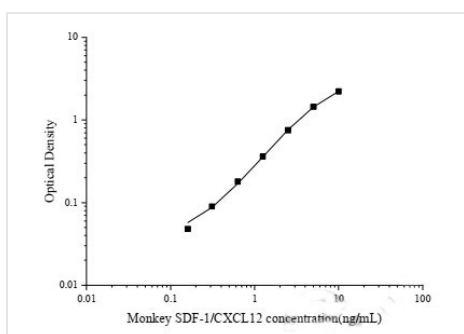
PRODUCT SYNONYMS

SDF-1/CXCL12; Monkey SDF-1/CXCL12 (Stromal Cell Derived Factor 1) ELISA Kit; SDF-1/CXCL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey SDF-1/CXCL12 in samples. No significant cross-reactivity or interference between Monkey SDF-1/CXCL12 and analogues was observed
Sequence Length	89
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10 ng/mL
Sensitivity	0.09 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey SDF-1/CXCL12 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey SDF-1/CXCL12 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDF-1/CXCL12 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey SDF-1/CXCL12. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey SDF-1/CXCL12 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey SDF- 1/CXCL12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Monkey SDF- 1/CXCL12. You can calculate the concentration of Monkey SDF-1/CXCL12 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey SDF-1/CXCL12 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45383151
NCBI GeneID	395180
NCBI Accession #	NP_989841.1
NCBI GenBank Nucleotide #	NM_204510.1
NCBI Official Full Name	stromal cell-derived factor 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	SDF1
NCBI Protein Information	stromal cell-derived factor 1; chemokine (C-X-C motif) ligand 12 (stromal cell-derived factor 1); chemokine ligand 12b; stromal cell derived factor 1; stromal cell-derived factor-1 beta

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.