

Canine Stromal cell derived factor-1alpha ELISA Kit | SDF-1alpha elisa kit

Canine stromal cell derived factor-1alpha (SDF-1alpha) ELISA Kit

CATALOG #
AAA180840

REACTIVITY
Canine

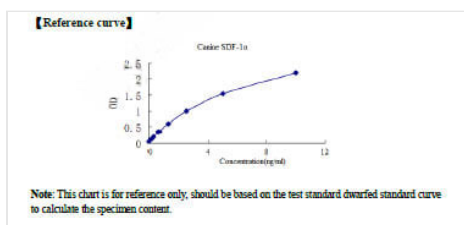
PRODUCT SYNONYMS

Stromal cell derived factor-1alpha; Canine stromal cell derived factor-1alpha (SDF-1alpha) ELISA Kit; Canine stromal cell derived factor-1a (SDF-1a) ELISA Kit; SDF-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	103
Samples	Serum, plasma or cell culture supernatant and organizations in the natural and recombinant SDF-1alpha concentration.
Assay Type	Sandwich
Detection Range	10 ng/ml-0.156 ng/ml
Sensitivity	0.05 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDF-1alpha elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Canine SDF-1alpha monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	489406390
NCBI GeneID	6387
NCBI Accession #	NP_001264919.1
NCBI GenBank Nucleotide #	NM_001277990.1
Molecular Weight	11,004 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform 5
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
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/sdf-1alpha-canine-elisa-kits/stromal-cell-derived-factor-1alpha/180840>