

Rat stromal cell derived factor-1alpha (SDF-1alpha) ELISA Kit | SDF-1alpha elisa kit

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CATALOG #
AAA55113

REACTIVITY
Rat

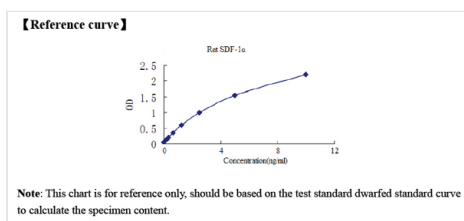
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	403
Samples	Rat 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 Rat 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 #

62243769

NCBI GeneID	55620
NCBI Accession #	NP_001013863.1
NCBI GenBank Nucleotide #	NM_001013841.1
Molecular Weight	49,649 Da
NCBI Official Full Name	signal-transducing adaptor protein 2 isoform 2
NCBI Official Synonym Full Names	signal transducing adaptor family member 2
NCBI Official Symbol	STAP2
NCBI Official Synonym Symbols	BKS
NCBI Protein Information	signal-transducing adaptor protein 2; BRK substrate; brk kinase substrate; breast tumor kinase substrate; signal-transducing adaptor protein-2
UniProt Protein Name	Signal-transducing adaptor protein 2
UniProt Gene Name	STAP2
UniProt Synonym Gene Names	BKS; STAP-2; BRK substrate
UniProt Entry Name	STAP2_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/rat-elisa-kits/stromal-cell-derived-factor-1alpha-sdf-1alpha/55113>