

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

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CATALOG #
AAA55175

REACTIVITY
Human

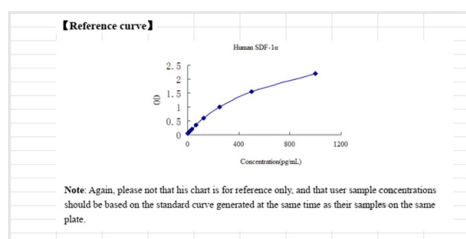
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	403
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
Sensitivity	Up to 5 pg/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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human SDF-1alpha monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample 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/human-elisa-kits/stromal-cell-derived-factor-1alpha-sdf-1alpha/55175>