

Mouse Stromal Cell Derived Factor 4 ELISA Kit | SDF4 elisa kit

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CATALOG #
AAA100784

REACTIVITY
Mouse

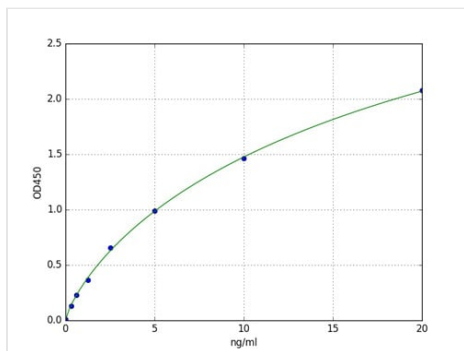
PRODUCT SYNONYMS

Stromal Cell Derived Factor 4; Mouse Stromal Cell Derived Factor 4 ELISA Kit; SDF4/Cab45; SDF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	362
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Mouse SDF4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.012	0.126	0.229	0.444	0.815	1.468	1.906	2.289

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDF4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse SDF4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse SDF4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse SDF4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse SDF4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

18490407

NCBI GeneID	51150
Molecular Weight	39,608 Da
NCBI Official Full Name	Stromal cell derived factor 4
NCBI Official Synonym Full Names	stromal cell derived factor 4
NCBI Official Symbol	SDF4
NCBI Official Synonym Symbols	Cab45; SDF-4
NCBI Protein Information	45 kDa calcium-binding protein
UniProt Protein Name	45 kDa calcium-binding protein
UniProt Gene Name	SDF4
UniProt Synonym Gene Names	CAB45; Cab45; SDF-4
UniProt Entry Name	CAB45_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/sdf4-mouse-elisa-kits/stromal-cell-derived-factor-4/100784>