

Mouse Mast/stem cell growth factor receptor Kit ELISA Kit | SCFR elisa kit

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CATALOG #
AAA97746

REACTIVITY
Mouse

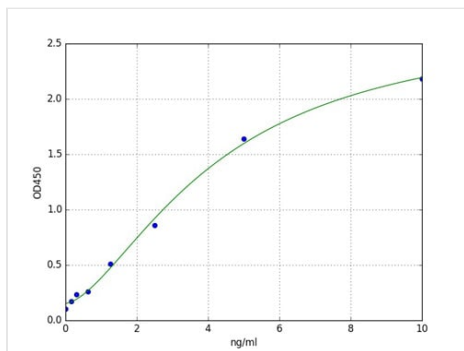
PRODUCT SYNONYMS

Mast/stem cell growth factor receptor Kit; Mouse Mast/stem cell growth factor receptor Kit ELISA Kit; SCFR/c-Kit; SCFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	972
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Mouse SCFR 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.021	0.123	0.252	0.384	0.781	1.239	1.895	2.398

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCFR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse SCFR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse SCFR 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 SCFR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse SCFR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

148005039

NCBI GeneID	3815
NCBI Accession #	NP_001087241.1
NCBI GenBank Nucleotide #	NM_001093772.1
Molecular Weight	46,658 Da
NCBI Official Full Name	mast/stem cell growth factor receptor Kit isoform 2
NCBI Official Synonym Full Names	KIT proto-oncogene receptor tyrosine kinase
NCBI Official Symbol	KIT
NCBI Official Synonym Symbols	PBT; SCFR; C-Kit; CD117
NCBI Protein Information	mast/stem cell growth factor receptor Kit
UniProt Protein Name	Mast/stem cell growth factor receptor Kit
UniProt Gene Name	KIT
UniProt Synonym Gene Names	SCFR; SCFR; PBT
UniProt Entry Name	KIT_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/scfr-mouse-elisa-kits/mast-stem-cell-growth-factor-receptor-kit/97746>