

Human Stem Cell Factor Receptor, SCFR ELISA Kit | SCFR elisa kit

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CATALOG #
AAA79872

REACTIVITY
Human

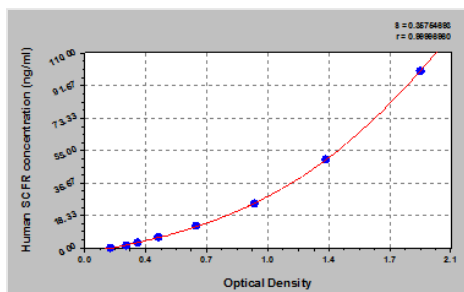
PRODUCT SYNONYMS

Stem Cell Factor Receptor; SCFR; Human Stem Cell Factor Receptor; SCFR ELISA Kit; SCFR ELISA kit; SCFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SCFR. No significant cross-reactivity or interference between Human SCFR and analogues was observed.
Sequence Length	948
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml -100 ng/ml
Sensitivity	0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCFR elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SCFR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for SCFR and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain SCFR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of SCFR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6651040
UniProt Accession #	Q9TTD7
Molecular Weight	106,324 Da
NCBI Official Full Name	stem cell factor receptor, partial
UniProt Protein Name	Stem cell factor receptor
UniProt Gene Name	c-kit
UniProt Entry Name	Q9TTD7_TRIVU

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/stem-cell-factor-receptor-scr/79872>