

Human Stem Cell Factor Receptor (SCFR) ELISA Kit | SCFR elisa kit

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CATALOG #
AAA330949

REACTIVITY
Human

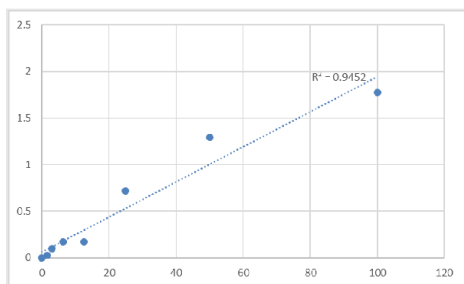
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Stem Cell Factor Receptor (SCFR) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Stem Cell Factor Receptor (SCFR) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SCFR elisa kit	Description: This Human Stem Cell Factor Receptor (SCFR) ELISA Kit employs a two-site sandwich ELISA to quantitate SCFR in samples. An antibody specific for SCFR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SCFR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SCFR is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SCFR bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Stem cell factor Receptor(SCFR;CD117), also called KIT or C-kit receptor, is a cytokine receptor expressed on the surface of hematopoietic stem cells as well as other cell types. This receptor binds to stem cell factor (a substance that causes certain types of cells to grow). Altered forms of this receptor may be associated with some types of cancer.C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in its encoded gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6651040
NCBI Official Full Name	stem cell factor receptor, partial

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-scfr/330949>