

Monkey Stem Cell Factor ELISA Kit | SCF elisa kit

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CATALOG #
AAA90369

REACTIVITY
Monkey

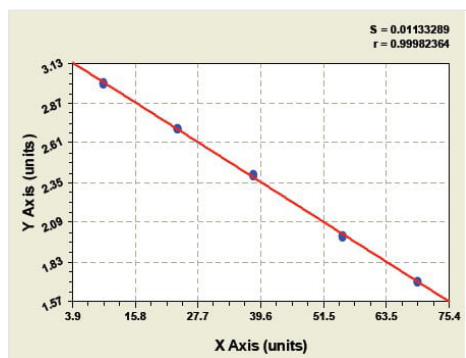
PRODUCT SYNONYMS

Stem Cell Factor; Monkey Stem Cell Factor ELISA Kit; SCF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This SCF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey SCF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCF elisa kit

Principle of the assay: SCF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCF antibody and an SCF-HRP conjugate. The assay sample and buffer are incubated together with SCF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SCF concentration since SCF from samples and SCF-HRP conjugate compete for the anti-SCF antibody binding site. Since the number of sites is limited, as more sites are occupied by SCF from the sample, fewer sites are left to bind SCF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCF concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1246100
Molecular Weight	4,270 Da
NCBI Official Full Name	stem cell factor, partial
UniProt Protein Name	Stem cell factor
UniProt Gene Name	stem cell factor: SCF
UniProt Entry Name	Q13528_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/scf-monkey-elisa-kits/stem-cell-factor/90369>