

Mouse stanniocalcin 1 ELISA Kit | STC1 elisa kit

Mouse Stanniocalcin-1, STC1 ELISA Kit

CATALOG #
AAA18116

REACTIVITY
Mouse

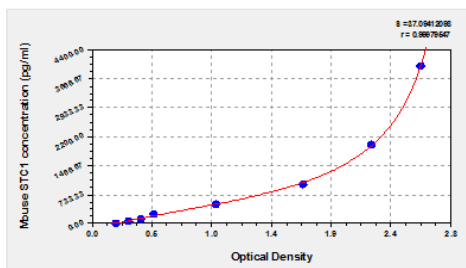
PRODUCT SYNONYMS

stanniocalcin 1; Mouse Stanniocalcin-1; STC1 ELISA Kit; Mouse Stanniocalcin-1 (STC1) ELISA kit; STC; ; STC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse STC1. No significant cross-reactivity or interference between mouse STC1 and analogues was observed.
Sequence Length	247
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 STC1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for STC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STC1 is added to the wells. After washing, avidin 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 STC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134053908
NCBI GeneID	20855
NCBI Accession #	NP_033311.3
NCBI GenBank Nucleotide #	NM_009285.3
UniProt Accession #	O55183
Molecular Weight	27,480 Da
NCBI Official Full Name	stanniocalcin-1
NCBI Official Synonym Full Names	stanniocalcin 1
NCBI Official Symbol	Stc1
NCBI Official Synonym Symbols	Stc
NCBI Protein Information	stanniocalcin-1; STC-1
UniProt Protein Name	Stanniocalcin-1
UniProt Gene Name	Stc1
UniProt Synonym Gene Names	Stc; STC-1
UniProt Entry Name	STC1_MOUSE

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://www.aaabiotech.com/stc1-mouse-elisa-kits/stanniocalcin-1/18116>