

Fish Stanniocalcin (STC-I) ELISA Kit | STC-I elisa kit

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CATALOG #
AAA121889

REACTIVITY
Fish

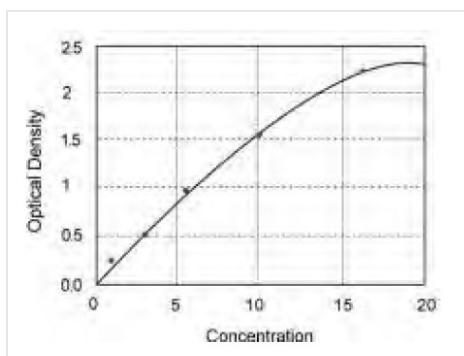
PRODUCT SYNONYMS

Stanniocalcin (STC-I); Fish Stanniocalcin (STC-I) ELISA Kit; STC-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	247
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.048ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV< 10%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV< 12%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STC-I elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish STC-1 antibody. STC-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish STC-1 Antibody is added and binds to STC-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated STC-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Fish STC-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Fish Stanniocalcin (also known as STC-1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	975298
NCBI GeneID	6781
Molecular Weight	20,487 Da
NCBI Official Full Name	stanniocalcin
NCBI Official Synonym Full Names	stanniocalcin 1
NCBI Official Symbol	STC1
NCBI Official Synonym Symbols	STC
NCBI Protein Information	stanniocalcin-1
UniProt Protein Name	Stanniocalcin-1
UniProt Gene Name	STC1
UniProt Synonym Gene Names	STC; STC-1

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/fish-elisa-kits/stanniocalcin-stc-i/121889>