

Mouse Syntenin 2 (ST2) ELISA Kit | ST2 elisa kit

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CATALOG #
AAA149135

REACTIVITY
Mouse

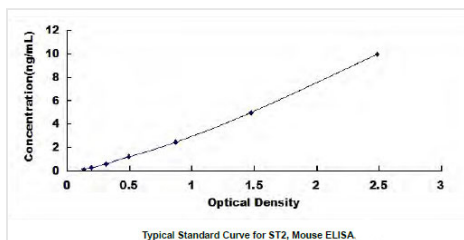
PRODUCT SYNONYMS

Syntenin 2 (ST2); Mouse Syntenin 2 (ST2) ELISA Kit; SDCBP2; SITAC18; Syndecan Binding Protein 2; ST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SST. No significant cross-reactivity or interference between SST and analogues was observed.
Sequence Length	298
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SST were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SST were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SST in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SST. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SST. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SST, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SST in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for ST2 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	148277591
NCBI GeneID	53378
NCBI Accession #	NP_058087.2
NCBI GenBank Nucleotide #	NM_016807.2
UniProt Accession #	O08992; Q544P5; A2AKJ7
Molecular Weight	32,379 Da
NCBI Official Full Name	syntenin-1 isoform 2
NCBI Official Synonym Full Names	syndecan binding protein
NCBI Official Symbol	Sdcbp
NCBI Official Synonym Symbols	Sycl; MDA-9; syntenin-1
NCBI Protein Information	syntenin-1
UniProt Protein Name	Syntenin-1
UniProt Gene Name	Sdcbp

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/mouse-elisa-kits/syntenin-2-st2/149135>