

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

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CATALOG #
AAA68720

REACTIVITY
Rat

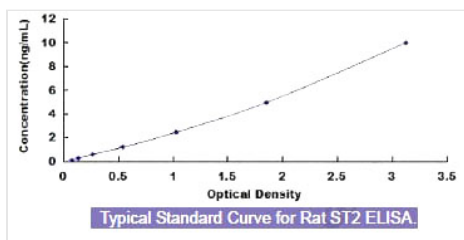
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ST2. No significant cross-reactivity or interference between ST2 and analogues was observed.
Sequence Length	296
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.056ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ST2 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 ST2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST2 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ST2 in rat serum, plasma, tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ST2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ST2. 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 ST2, 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 ST2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71043614
NCBI GeneID	311532
NCBI Accession #	NP_001020863.1
NCBI GenBank Nucleotide #	NM_001025692.1
UniProt Accession #	Q4KLN0
Molecular Weight	31,965 Da
NCBI Official Full Name	syntenin-2
NCBI Official Synonym Full Names	syndecan binding protein 2
NCBI Official Symbol	Sdcbp2
NCBI Protein Information	syntenin-2
UniProt Protein Name	Syntenin-2
UniProt Gene Name	Sdcbp2

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/rat-elisa-kits/syntenin-2-st2/68720>