

Rat Bile salt sulfotransferase ELISA Kit | St2a1 elisa kit

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CATALOG #
AAA56290

REACTIVITY
Rat

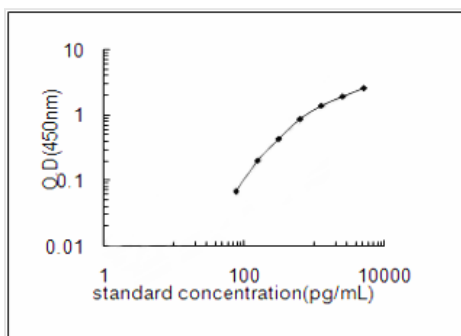
PRODUCT SYNONYMS

Bile salt sulfotransferase; Rat Bile salt sulfotransferase ELISA Kit; St2a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Bile salt sulfotransferase. No significant cross-reactivity or interference was observed.
Sequence Length	285
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	0.091 ng/mL
Intra-Assay CV	<=4.4%
Inter-Assay CV	<=6.4%
Recovery	94%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for St2a1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Bile salt sulfotransferase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Bile salt sulfotransferase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Bile salt sulfotransferase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Bile salt sulfotransferase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222831686
NCBI GeneID	24912
NCBI Accession #	NP_571978.1
NCBI GenBank Nucleotide #	NM_131903.1
UniProt Accession #	P15709
Molecular Weight	33,191 Da
NCBI Official Full Name	bile salt sulfotransferase
NCBI Official Synonym Full Names	sulfotransferase family 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
NCBI Official Symbol	Sult2a1
NCBI Official Synonym Symbols	STa; ST2; Sth2; Smp-2; St2a1
NCBI Protein Information	bile salt sulfotransferase
UniProt Protein Name	Bile salt sulfotransferase
UniProt Gene Name	St2a1
UniProt Synonym Gene Names	ST; ST2A1
UniProt Entry Name	ST2A1_RAT

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.