

Mouse Steryl-sulfatase ELISA Kit | Sts elisa kit

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CATALOG #
AAA190779

REACTIVITY
Mouse

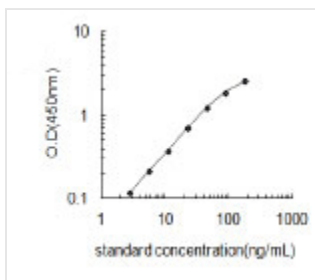
PRODUCT SYNONYMS

Steryl-sulfatase; Mouse Steryl-sulfatase ELISA Kit; Arylsulfatase C; ASC; Steroid sulfatase; Steryl-sulfate sulfohydrolase; Sts; 3.1.6.2; Sts elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Steryl-sulfatase
Sequence Length	624
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	2.81 ng/mL - 180 ng/mL
Sensitivity	< 1.35 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.9%
Inter-assay Precision	Inter-Assay CV: <=7.3%
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 Sts elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678175
NCBI GeneID	20905
NCBI Accession #	NP_033319.1
NCBI GenBank Nucleotide #	NM_009293.1
UniProt Accession #	P50427
Molecular Weight	66,591 Da
NCBI Official Full Name	steryl-sulfatase
NCBI Official Synonym Full Names	steroid sulfatase
NCBI Official Symbol	Sts
NCBI Official Synonym Symbols	ArsC
NCBI Protein Information	steryl-sulfatase
UniProt Protein Name	Steryl-sulfatase
UniProt Gene Name	Sts
UniProt Synonym Gene Names	ASC
UniProt Entry Name	STS_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sts-mouse-elisa-kits/steryl-sulfatase/190779>