

Human Steroid Sulfatase Isozyme S (STS) RTU ELISA Kit | STS rtu elisa kit

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CATALOG #
AAA218604

REACTIVITY
Human

PRODUCT SYNONYMS

Steroid Sulfatase Isozyme S (STS); Human Steroid Sulfatase Isozyme S (STS) ELISA Kit; ARSC; ARSC1; ASC; ES; SSDD; Arylsulfatase C; Steryl-sulfatase; Steryl-sulfate sulfohydrolase; STS rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	583
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	4.68-300ng/mL
Sensitivity	1.9ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STS rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to STS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to STS. 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 STS, 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 $\pm$ 10nm. The concentration of STS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	53831991
NCBI GeneID	412

NCBI Accession #	NP_000342.2
NCBI GenBank Nucleotide #	NM_000351.5
UniProt Accession #	P08842 ; B2RA47
Molecular Weight	65,492 Da
NCBI Official Full Name	steryl-sulfatase isoform 1
NCBI Official Synonym Full Names	steroid sulfatase
NCBI Official Symbol	STS
NCBI Official Synonym Symbols	ES; ASC; XLI; ARSC; SSDD; ARSC1
NCBI Protein Information	steryl-sulfatase
UniProt Protein Name	Steryl-sulfatase
UniProt Gene Name	STS
UniProt Synonym Gene Names	ARSC1; ASC

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/human-rtu-elisa-kits/steroid-sulfatase-isozyme-s-sts/218604>