

Human Steryl-sulfatase ELISA Kit | STS elisa kit

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CATALOG #
AAA100296

REACTIVITY
Human

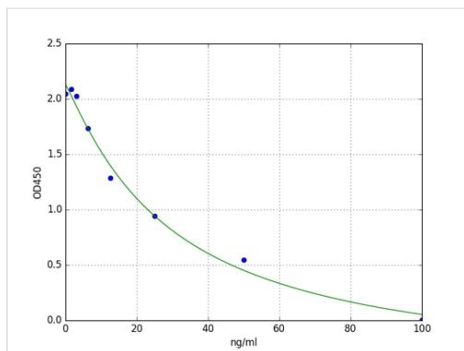
PRODUCT SYNONYMS

Steryl-sulfatase; Human Steryl-sulfatase ELISA Kit; STS/Steryl-sulfate sulfohydrolase/Arylsulfatase C (ASC)/Steroid sulfatase/ARSC1; STS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	583
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human STS ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	2.276	1.921	1.498	1.289	0.842	0.656	0.459	0.356

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for STS elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human STS. During the reaction, Human STS in the sample or standard competes with a fixed amount of biotin-labeled Human STS for sites on a pre-coated Monoclonal antibody specific to Human STS. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human 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_000351.4
Molecular Weight	65,492 Da
NCBI Official Full Name	steryl-sulfatase
NCBI Official Synonym Full Names	steroid sulfatase (microsomal), isozyme S
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
UniProt Entry Name	STS_HUMAN

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-human-elisa-kits/steryl-sulfatase/100296>