Rat sulfotransferase family 1E, estrogen-preferring, member 1 ELISA Kit | SULT1E1 elisa kit

Rat Sulfotransferase Family 1E Member 1, SULT1E1 ELISA Kit

CATALOG #	REACTIVITY
AAA80679	**Rat**

PRODUCT SYNONYMS

sulfotransferase family 1E; estrogen-preferring; member 1; Rat Sulfotransferase Family 1E Member 1; SULT1E1 ELISA Kit; Rat Sulfotransferase Family 1E Member 1 (SULT1E1) ELISA Kit; EST; EST-1; MGC34459; STE; estrogen sulfotransferase; estrone sulfotransferase; sulfotransferase; SULT1E1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SULT1E1. No significant cross-reactivity or interference between rat SULT1E1 and analogues was observed.
Sequence Length	295
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SULT1E1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SULT1E1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SULT1E1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SULT1E1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SULT1E1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47115179
NCBI GeneID	6783
UniProt Accession #	Q53X91; P49888
Molecular Weight	35,509 Da
NCBI Official Full Name	SULT1E1, partial
NCBI Official Synonym Full Names	sulfotransferase family 1E, estrogen-preferring, member 1
NCBI Official Symbol	SULT1E1
NCBI Official Synonym Symbols	EST; STE; EST-1; ST1E1
NCBI Protein Information	estrogen sulfotransferase; sulfotransferase 1E1; estrone sulfotransferase; sulfotransferase, estrogen-preferring
UniProt Protein Name	Estrogen sulfotransferase, isoform 1
UniProt Gene Name	**Sult1e1**
UniProt Synonym Gene Names	Ste; Ste1; EST-1; ST1E1
UniProt Entry Name	ST1E1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/sult1e1-rat-elisa-kits/sulfotransferase-family-1e-estrogen-preferring-member-1/80679