

Human Sulfotransferase 1E1, SULT1E1 ELISA Kit | SULT1E1 elisa kit

Human Sulfotransferase 1E1, SULT1E1 Primacu ELISA Kit

CATALOG #
AAA124266

REACTIVITY
Human

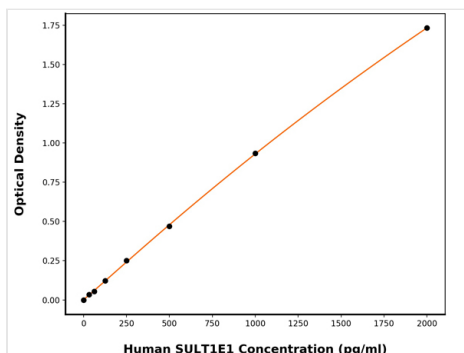
PRODUCT SYNONYMS

Sulfotransferase 1E1; SULT1E1; Human Sulfotransferase 1E1; SULT1E1 Primacu ELISA Kit; STE; SULT1E1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	31.25-2000pg/mL
Sensitivity	5.73pg/mL
Standard Solution	20ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for SULT1E1 elisa kit

Estrogen sulfotransferase, also known as Sulfotransferase, estrogen-preferring, Sulfotransferase 1E1, SULT1E1 and ST1E1, is a cytoplasm enzyme that belongs to the sulfotransferase 1 family. Sulfotransferase enzymes catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. These cytosolic enzymes are different in their tissue distributions and substrate specificities. SULT1E1 may control the level of the estrogen receptor by sulfurylating free estradiol. SULT1E1 maximally sulfates beta-estradiol and estrone at concentrations of 2 nM. SULT1E1 also sulfates dehydroepiandrosterone, pregnenolone, ethinylestradiol, equalenin, diethylstilbesterol and 1-naphthol, at significantly higher concentrations; however, cortisol, testosterone and dopamine are not sulfated. SULT1E1 is a key enzyme in estrogen homeostasis. It plays a central role in the prevention and development of human disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1711604
NCBI GeneID	6783
UniProt Accession #	P49888; Q8N6X5
Molecular Weight	35,126 Da
NCBI Official Full Name	Estrogen sulfotransferase
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
UniProt Gene Name	SULT1E1
UniProt Synonym Gene Names	STE; ST1E1
UniProt Entry Name	ST1E1_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/sulfotransferase-1e1-sult1e1/124266>