

Rat Estrogen sulfotransferase, isoform 3 ELISA Kit | Ste elisa kit

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CATALOG #
AAA56248

REACTIVITY
Rat

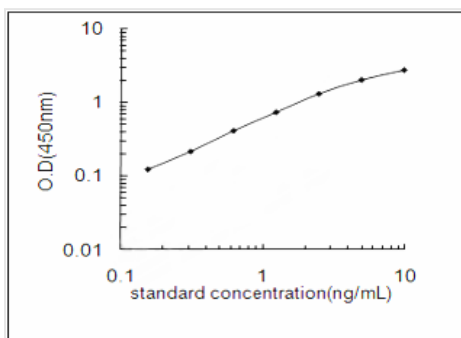
PRODUCT SYNONYMS

Estrogen sulfotransferase; isoform 3; Rat Estrogen sulfotransferase; isoform 3 ELISA Kit; Ste elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat EST-3. No significant cross-reactivity or interference was observed.
Sequence Length	295
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.085 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=6.8%
Recovery	92%
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 Ste elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EST-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for EST-3 and 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 EST-3, 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 EST-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981594
NCBI GeneID	25355
NCBI Accession #	NP_037015.1
NCBI GenBank Nucleotide #	NM_012883.1
UniProt Accession #	P49889; Q9QWS0; P52844
Molecular Weight	35,416 Da
NCBI Official Full Name	estrogen sulfotransferase
NCBI Official Synonym Full Names	sulfotransferase family 1E member 1
NCBI Official Symbol	Sult1e1
NCBI Official Synonym Symbols	Ste; ST1E1; ESTSUL
NCBI Protein Information	estrogen sulfotransferase
UniProt Protein Name	Estrogen sulfotransferase, isoform 3
UniProt Gene Name	Ste
UniProt Synonym Gene Names	EST-3
UniProt Entry Name	ST1E3_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.

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Online datasheet: <https://www.aaabiotech.com/ste-rat-elisa-kits/estrogen-sulfotransferase-isoform-3/56248>