

Rat Estrogen sulfotransferase, isoform 2 ELISA Kit | Ste2 elisa kit

Rat Estrogen sulfotransferase, isoform 2 ELISA Kit

CATALOG #
AAA56534

REACTIVITY
Rat

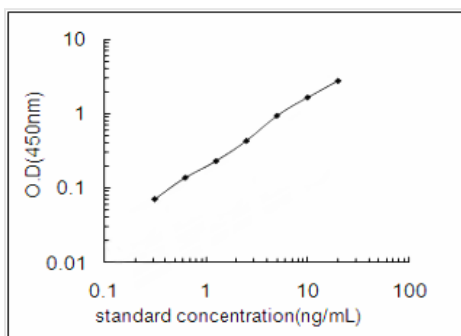
PRODUCT SYNONYMS

Estrogen sulfotransferase; isoform 2; Rat Estrogen sulfotransferase; isoform 2 ELISA Kit; Ste2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat EST-2. No significant cross-reactivity or interference was observed.
Sequence Length	295
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.175 ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=7.5%
Recovery	108%
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 Ste2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EST-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for EST-2 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-2, 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-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1711600
NCBI GeneID	360268
UniProt Accession #	P52845; P49890
Molecular Weight	35,365 Da
NCBI Official Full Name	Estrogen sulfotransferase, isoform 2
NCBI Official Synonym Full Names	estrogen sulfotransferase
NCBI Official Symbol	ste2
NCBI Protein Information	estrogen sulfotransferase
UniProt Protein Name	Estrogen sulfotransferase, isoform 2
UniProt Gene Name	Ste2
UniProt Synonym Gene Names	Ste; EST-2
UniProt Entry Name	ST1E2_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://www.aaabiotech.com/ste2-rat-elisa-kits/estrogen-sulfotransferase-isoform-2/56534>