

Human Phenol Sulfotransferase (PST) RTU ELISA Kit | PST rtu elisa kit

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CATALOG #
AAA218036

REACTIVITY
Human

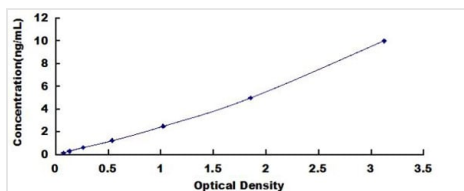
PRODUCT SYNONYMS

Phenol Sulfotransferase (PST); Human Phenol Sulfotransferase (PST) ELISA Kit; SULT1A1; HAST1/HAST2; ST1A3; STP1; TSPST1; Sulfotransferase 1A1; Aryl sulfotransferase 1; Phenol sulfotransferase 1; Thermostable phenol sulfotransferase; PST rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	295
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PST rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PST. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PST. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PST, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PST in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29540531
NCBI GeneID	6817
NCBI Accession #	NP_001046.2
NCBI GenBank Nucleotide #	NM_001055.3
UniProt Accession #	P50225; Q2NL71; Q86U58; Q92818; Q9BVU6; Q9UGG7
Molecular Weight	25,388 Da
NCBI Official Full Name	sulfotransferase 1A1 isoform a
NCBI Official Synonym Full Names	sulfotransferase family 1A member 1
NCBI Official Symbol	SULT1A1
NCBI Official Synonym Symbols	PST; STP; STP1; P-PST; ST1A1; ST1A3; TSPST1; HAST1/HAST2
NCBI Protein Information	sulfotransferase 1A1
UniProt Protein Name	Sulfotransferase 1A1
UniProt Gene Name	SULT1A1
UniProt Synonym Gene Names	STP; STP1; ST1A1; P-PST 1; Ts-PST

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://stage.aaabiotech.com/human-rtu-elisa-kits/phenol-sulfotransferase-pst/218036>