

Human Metalloreductase STEAP1 ELISA Kit | STEAP1 elisa kit

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CATALOG #
AAA191019

REACTIVITY
Human

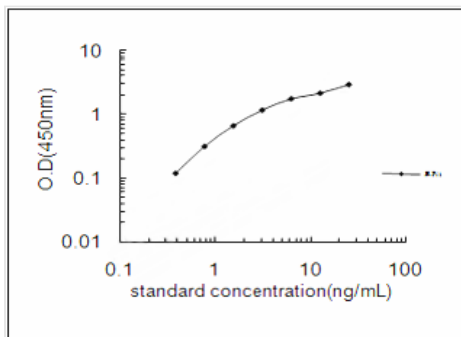
PRODUCT SYNONYMS

Metalloreductase STEAP1; Human Metalloreductase STEAP1 ELISA Kit; Six-transmembrane epithelial antigen of prostate 1; STEAP1; PRSS24; STEAP; STEAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	339
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=3.4%
Inter-Assay CV	<=7.2%
Recovery	89%
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 STEAP1 elisa kit

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

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9558759
NCBI GeneID	26872
NCBI Accession #	NP_036581.1
NCBI GenBank Nucleotide #	NM_012449.2
UniProt Accession #	Q9UHE8; O95034; A4D1E0
Molecular Weight	39,851 Da
NCBI Official Full Name	metalloreductase STEAP1
NCBI Official Synonym Full Names	six transmembrane epithelial antigen of the prostate 1
NCBI Official Symbol	STEAP1
NCBI Official Synonym Symbols	STEAP; PRSS24
NCBI Protein Information	metalloreductase STEAP1
UniProt Protein Name	Metalloreductase STEAP1
UniProt Gene Name	STEAP1
UniProt Synonym Gene Names	PRSS24; STEAP
UniProt Entry Name	STEAP1_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://stage.aaabiotech.com/human-elisa-kits/metalloreductase-steap1/191019>