

Human transmembrane protease, serine 2 ELISA Kit | TMPRSS2 elisa kit

Human Transmembrane protease serine 2, TMPRSS2 ELISA Kit

CATALOG #
AAA22539

REACTIVITY
Human

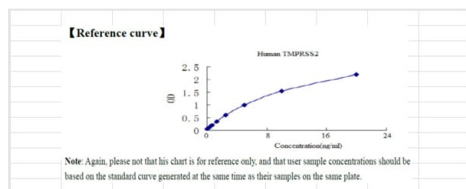
PRODUCT SYNONYMS

transmembrane protease; serine 2; Human Transmembrane protease serine 2; TMPRSS2 ELISA Kit; TMPRSS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMPRSS2 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human TMPRSS2 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227499990
NCBI GeneID	7113
NCBI Accession #	NP_001128571.1

NCBI GenBank Nucleotide #	NM_001135099.1
UniProt Accession #	O15393 ; Q6GTK7 ; Q9BXX1 ; A8K6Z8 ; B2R8E5 ; B7Z459 ; D3DSJ2 ; F8WES1
Molecular Weight	53,859 Da
NCBI Official Full Name	transmembrane protease serine 2 isoform 1
NCBI Official Synonym Full Names	transmembrane protease, serine 2
NCBI Official Symbol	TMPRSS2
NCBI Official Synonym Symbols	PP9284; PRSS10
NCBI Protein Information	transmembrane protease serine 2; epitheliasin; serine protease 10
UniProt Protein Name	Transmembrane protease serine 2
UniProt Gene Name	TMPRSS2
UniProt Synonym Gene Names	PRSS10
UniProt Entry Name	TMPS2_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/transmembrane-protease-serine-2/22539>