

Human Transmembrane Protease, Serine 4 (TMPRSS4) RTU ELISA Kit | TMPRSS4 rtu elisa kit

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CATALOG #
AAA218863

REACTIVITY
Human

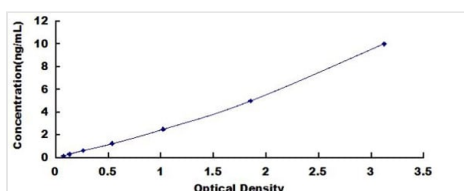
PRODUCT SYNONYMS

Transmembrane Protease; Serine 4 (TMPRSS4); Human Transmembrane Protease; Serine 4 (TMPRSS4) ELISA Kit; MT-SP2; CAPH2; TMPRSS3; Membrane-Type Serine Protease 2; Type II Membrane Serine Protease; Channel-activating protease 2; TMPRSS4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	432
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/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 TMPRSS4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TMPRSS4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TMPRSS4. 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 TMPRSS4, 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 TMPRSS4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145701030
NCBI GeneID	56649
NCBI Accession #	NP_001077416.1
NCBI GenBank Nucleotide #	NM_001083947.1
UniProt Accession #	Q9NRS4; Q5XKQ6; Q6UX37; Q9NZA5; A8MU84; B0YJB0; B7Z8C5; E7ERX8
Molecular Weight	43,786 Da
NCBI Official Full Name	transmembrane protease serine 4 isoform 3
NCBI Official Synonym Full Names	transmembrane serine protease 4
NCBI Official Symbol	TMPRSS4
NCBI Official Synonym Symbols	CAPH2; MT-SP2; TMPRSS3
NCBI Protein Information	transmembrane protease serine 4
UniProt Protein Name	Transmembrane protease serine 4
UniProt Gene Name	TMPRSS4
UniProt Synonym Gene Names	TMPRSS3; CAPH2; MT-SP2

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/transmembrane-protease-serine-4-tmprss4/218863>