

Human TMPRSS6 (Transmembrane protease serine 6) ELISA Kit | TMPRSS6 elisa kit

Human TMPRSS6 (Transmembrane protease serine 6)

CATALOG #
AAA102611

REACTIVITY
Human

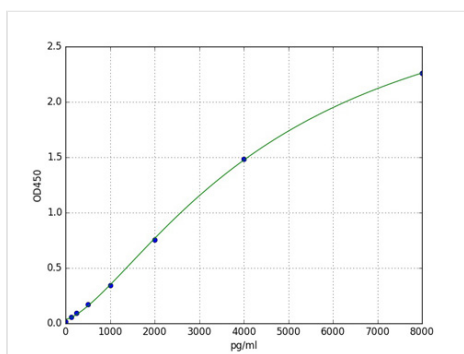
PRODUCT SYNONYMS

TMPRSS6 (Transmembrane protease serine 6); Human TMPRSS6 (Transmembrane protease serine 6); TMPRSS6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMPRSS6 . No significant cross-reactivity or interference between TMPRSS6 and analogues was observed.
Sequence Length	558
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TMPRSS6were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TMPRSS6were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMPRSS6 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TMPRSS6antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- TMPRSS6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TMPRSS6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TMPRSS6 can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	28371868
NCBI GeneID	84000
Molecular Weight	52,560 Da
NCBI Official Full Name	transmembrane protease serine 6
NCBI Official Synonym Full Names	transmembrane protease, serine 13
NCBI Official Symbol	TMPRSS13
NCBI Official Synonym Symbols	MSP; MSPL; MSPS; TMPRSS11
NCBI Protein Information	transmembrane protease serine 13
UniProt Protein Name	Transmembrane protease serine 13
UniProt Gene Name	TMPRSS13
UniProt Synonym Gene Names	MSP; TMPRSS11; Mosaic serine protease
UniProt Entry Name	TMPSD_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tmprss6-transmembrane-protease-serine-6/102611>