

Mouse TMPRSS2 (Transmembrane Protease, Serine 2) ELISA Kit | TMPRSS2 elisa kit

Mouse TMPRSS2 (Transmembrane Protease, Serine 2) ELISA Kit

CATALOG #
AAA250183

REACTIVITY
Mouse

PRODUCT SYNONYMS

TMPRSS2 (Transmembrane Protease; Serine 2); Mouse TMPRSS2 (Transmembrane Protease; Serine 2) ELISA Kit; Transmembrane protease serine 2; Epitheliasin; Plasmic transmembrane protein X; Transmembrane protease serine 2 non-catalytic chain; Transmembrane protease serine 2 catalytic chain; Tmprss2; TMPRSS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TMPRSS2. No significant crossreactivity or interference between TMPRSS2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	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

ADDITIONAL INFORMATION

Related Product Information for TMPRSS2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	34328226
NCBI GeneID	50528
NCBI Accession #	NP_056590.2
NCBI GenBank Nucleotide #	NM_015775.2
UniProt Accession #	Q9J1Q8; Q7TN04; Q9JKC4; Q9QY82
Molecular Weight	53,526 Da

NCBI Official Full Name	transmembrane protease serine 2
NCBI Official Synonym Full Names	transmembrane protease, serine 2
NCBI Official Symbol	Tmprss2
NCBI Official Synonym Symbols	D16Ert61e
NCBI Protein Information	transmembrane protease serine 2
UniProt Protein Name	Transmembrane protease serine 2
UniProt Gene Name	Tmprss2

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://www.aaabiotech.com/mouse-elisa-kits/tmpRSS2-transmembrane-protease-serine-2/250183>