

Human TMPRSS2 (Transmembrane Protease, Serine 2) CLIA Kit | TMPRSS2 clia kit

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CATALOG #
AAA170821

REACTIVITY
Human

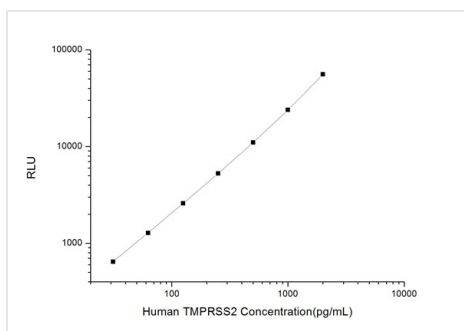
PRODUCT SYNONYMS

TMPRSS2 (Transmembrane Protease; Serine 2); Human TMPRSS2 (Transmembrane Protease; Serine 2) CLIA Kit; TMPRSS2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant TMPRSS2. No significant cross-reactivity or interference between TMPRSS2 and analogues was observed.
Sequence Length	492
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMPRSS2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TMPRSS2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TMPRSS2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TMPRSS2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TMPRSS2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TMPRSS2. You can calculate the concentration of TMPRSS2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30353995
NCBI GeneID	7113
Molecular Weight	57,690 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	PP9284; PRSS10
NCBI Protein Information	transmembrane protease serine 2
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-clia-kits/tmprss2-transmembrane-protease-serine-2/170821>