

Human Trypsin-2 ELISA Kit | PRSS2 elisa kit

Human Trypsin-2 ELISA Kit

CATALOG #
AAA101324

REACTIVITY
Human

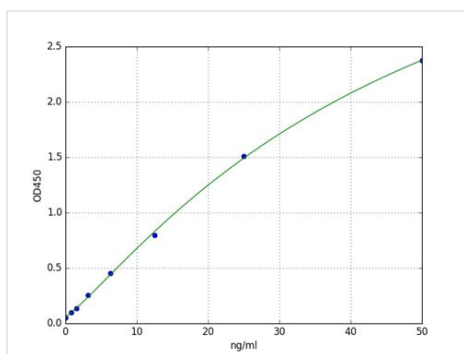
PRODUCT SYNONYMS

Trypsin-2; Human Trypsin-2 ELISA Kit; PRSS2 (Protease; Serine; 2)/Tesp4/TRY8/TRY2/TRY8/TRYP2/trypsin 2/Trypsin II/trypsin-2/trypsinogen 2/Trypsinogen 20/Anionic trypsinogen/protease serine 2 preproprotein/Serine protease 2; PRSS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	247
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a human PRSS2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.050	0.100	0.135	0.242	0.436	0.828	1.481	2.473

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human PRSS2antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human PRSS2 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 human PRSS2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofhuman PRSS2can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506147
NCBI GeneID	5645
NCBI Accession #	NP_002761.1
NCBI GenBank Nucleotide #	NM_002770.3
Molecular Weight	26,488 Da
NCBI Official Full Name	trypsin-2 isoform 2 preproprotein
NCBI Official Synonym Full Names	protease, serine 2
NCBI Official Symbol	PRSS2
NCBI Official Synonym Symbols	TRY2; TRY8; TRYP2
NCBI Protein Information	trypsin-2
UniProt Protein Name	Trypsin-2
UniProt Gene Name	PRSS2
UniProt Synonym Gene Names	TRY2; TRYP2
UniProt Entry Name	TRY2_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/prss2-human-elisa-kits/trypsin-2/101324>