

Human Protease, Serine 23 ELISA Kit | PRSS23 elisa kit

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CATALOG #
AAA99325

REACTIVITY
Human

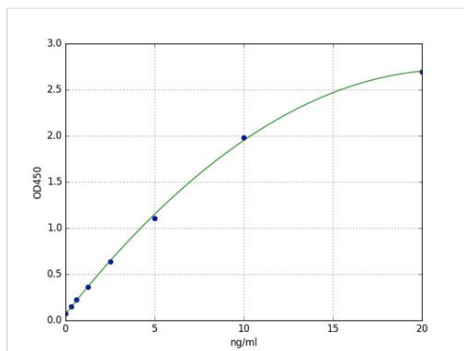
PRODUCT SYNONYMS

Protease; Serine 23; Human Protease; Serine 23 ELISA Kit; PRSS23/Serine protease 23/Putative secreted protein Zsig13; PRSS23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	447
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Human PRSS23 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.086	0.159	0.249	0.344	0.653	0.976	2.153	2.068

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS23 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human PRSS23 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PRSS23 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 PRSS23 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PRSS23 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119595552
NCBI GeneID	11098
Molecular Weight	39,642 Da
NCBI Official Full Name	protease, serine, 23, isoform CRA_b
NCBI Official Synonym Full Names	protease, serine 23
NCBI Official Symbol	PRSS23
NCBI Official Synonym Symbols	SIG13; SPUVE; ZSIG13
NCBI Protein Information	serine protease 23
UniProt Protein Name	Serine protease 23
UniProt Gene Name	PRSS23
UniProt Synonym Gene Names	ZSIG13
UniProt Entry Name	PRS23_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/prss23-human-elisa-kits/protease-serine-23/99325>