

Human Prostasin ELISA Kit | PRSS8 elisa kit

Human Prostasin ELISA Kit

CATALOG #
AAA101217

REACTIVITY
Human

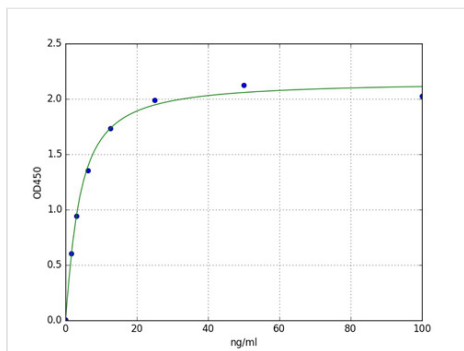
PRODUCT SYNONYMS

Prostasin; Human Prostasin ELISA Kit; PRSS8 (Protease; Serine 8)/Prostasin/CAP1/channel-activating protease 1/PROSTASIN/protease; serine; 8; PRSS8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	343
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 PRSS8 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.033	0.102	0.166	0.349	0.617	1.133	1.820	2.275

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRSS8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PRSS8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PRSS8 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 PRSS8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PRSS8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4506153

NCBI GeneID	5652
NCBI Accession #	NP_002764.1
NCBI GenBank Nucleotide #	NM_002773.4
Molecular Weight	30,519 Da
NCBI Official Full Name	prostasin preproprotein
NCBI Official Synonym Full Names	protease, serine 8
NCBI Official Symbol	PRSS8
NCBI Official Synonym Symbols	CAP1; PROSTASIN
NCBI Protein Information	prostasin
UniProt Protein Name	Prostasin
UniProt Gene Name	PRSS8
UniProt Synonym Gene Names	CAP1
UniProt Entry Name	PRSS8_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/prss8-human-elisa-kits/prostasin/101217>