

Human PRSS57 (Serine protease 57) ELISA Kit | PRSS57 elisa kit

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CATALOG #
AAA250253

REACTIVITY
Human

PRODUCT SYNONYMS

PRSS57 (Serine protease 57); Human PRSS57 (Serine protease 57) ELISA Kit; Serine protease 57; Neutrophil serine protease 4; NSP4; Serine protease 1-like protein 1; PRSSL1; UNQ782; PRO1599; PRSS57; PRSS57 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRSS57. No significant cross-reactivity or interference between PRSS57 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 PRSS57 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47551347
NCBI GeneID	400668
NCBI Accession #	NP_999875.1
NCBI GenBank Nucleotide #	NM_214710.3
UniProt Accession #	Q6UWY2; B2RNW8
Molecular Weight	30,334 Da
NCBI Official Full Name	serine protease 57

NCBI Official Synonym Full Names	protease, serine, 57
NCBI Official Symbol	PRSS57
NCBI Official Synonym Symbols	PRSSL1; UNQ782
NCBI Protein Information	serine protease 57; GLGL782; protease, serine-like 1; serine protease 1-like protein 1
UniProt Protein Name	Serine protease 57
UniProt Gene Name	PRSS57
UniProt Synonym Gene Names	PRSSL1; UNQ782/PRO1599
UniProt Entry Name	PRS57_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://www.aaabiotech.com/human-elisa-kits/prss57-serine-protease-57/250253>