

Human Proteasome 26S Subunit, Non ATPase 4 (PSMD4) ELISA Kit | PSMD4 elisa kit

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CATALOG #
AAA219683

REACTIVITY
Human

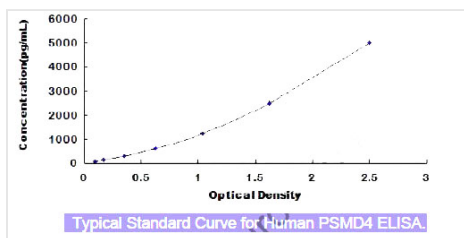
PRODUCT SYNONYMS

Proteasome 26S Subunit; Non ATPase 4 (PSMD4); Human Proteasome 26S Subunit; Non ATPase 4 (PSMD4) ELISA Kit; Multiubiquitin chain-binding protein; Antisecretory factor 1(AF/ASF); 26S proteasome regulatory subunit RPN10; 26S proteasome regulatory subunit S5A; PSMD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRSS3. No significant cross-reactivity or interference between PRSS3 and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	377
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	26.9pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRSS3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PRSS3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C or -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PRSS3 in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRSS3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRSS3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PRSS3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PRSS3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5292161
NCBI GeneID	5710
NCBI Accession #	NP_002801.1
NCBI GenBank Nucleotide #	NM_002810.2
UniProt Accession #	P55036; Q5VWC5; Q9NS92; D3DV16
Molecular Weight	28,612 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 4 isoform 2
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 4
NCBI Official Symbol	PSMD4
NCBI Official Synonym Symbols	AF; ASF; S5A; AF-1; MCB1; Rpn10; pUB-R5
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 4
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 4
UniProt Gene Name	PSMD4
UniProt Synonym Gene Names	MCB1; AF; ASF

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-elisa-kits/proteasome-26s-subunit-non-atpase-4-psmd4/219683>