

Human Proteasome 26S Subunit, Non ATPase 10 (PSMD10) ELISA Kit | PSMD10 elisa kit

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CATALOG #
AAA64590

REACTIVITY
Human

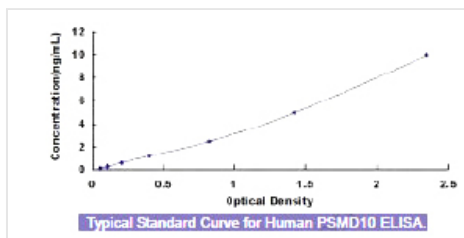
PRODUCT SYNONYMS

Proteasome 26S Subunit; Non ATPase 10 (PSMD10); Human Proteasome 26S Subunit; Non ATPase 10 (PSMD10) ELISA Kit; p28; Gankyrin; 26S proteasome non-ATPase regulatory subunit 10; 26S proteasome regulatory subunit p28; PSMD10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMD10. No significant cross-reactivity or interference between PSMD10 and analogues was observed.
Sequence Length	226
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PSMD10 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 PSMD10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD10 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PSMD10 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PSMD10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PSMD10. 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 PSMD10, 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 PSMD10 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 #	4506217
NCBI GeneID	5716
NCBI Accession #	NP_002805.1
NCBI GenBank Nucleotide #	NM_002814.3
UniProt Accession #	O75832; Q5U0B2; Q8IZK9
Molecular Weight	16,137 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 10 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, non-ATPase 10
NCBI Official Symbol	PSMD10
NCBI Official Synonym Symbols	p28; p28(GANK); dJ889N15.2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 10
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 10
UniProt Gene Name	PSMD10

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-10-psmd10/64590>