

Human proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 ELISA Kit | PSMD4 elisa kit

Human 26S proteasome non-ATPase regulatory subunit 4, PSMD4 ELISA Kit

CATALOG #
AAA112473

REACTIVITY
Human

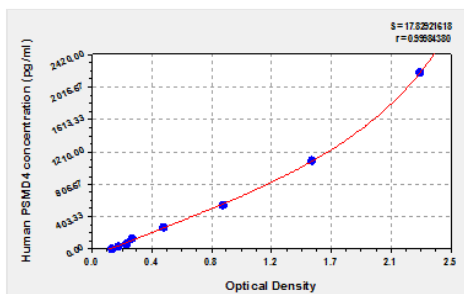
PRODUCT SYNONYMS

proteasome (prosome; macropain) 26S subunit; non-ATPase; 4; Human 26S proteasome non-ATPase regulatory subunit 4; PSMD4 ELISA Kit; Human 26S proteasome non-ATPase regulatory subunit 4 (PSMD4) ELISA kit; RP11-126K1.1; AF; AF-1; ASF; MCB1; Rpn10; S5A; pUB-R5; 26S protease subunit S5a; 26S proteasome non-ATPase regulatory subunit 4; S5a/antisecretory factor protein; angiocidin; antisecretory factor 1; mult; PSMD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PSMD4. No significant cross-reactivity or interference between human PSMD4 and analogues was observed.
Sequence Length	377
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	34.4 pg/ml-2200 pg/ml
Sensitivity	<8.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PSMD4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSMD4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PSMD4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PSMD4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	40,737 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 4
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 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; angiocidin; antiseecretory factor 1; S5a/antiseecretory factor protein; multiubiquitin chain-binding protein; 26S proteasome regulatory subunit S5A
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 4
UniProt Gene Name	PSMD4
UniProt Synonym Gene Names	MCB1; AF; ASF
UniProt Entry Name	PSMD4_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/psmd4-human-elisa-kits/proteasome-prosome-macropain-26s-subunit-non-atpase-4/112473>