

Mouse 26S proteasome non-ATPase regulatory subunit 7 (PSMD7) ELISA Kit | PSMD7 elisa kit

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CATALOG # AAA246260	REACTIVITY Mouse
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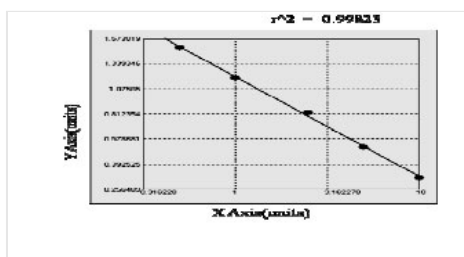
PRODUCT SYNONYMS

26S proteasome non-ATPase regulatory subunit 7 (PSMD7); Mouse 26S proteasome non-ATPase regulatory subunit 7 (PSMD7) ELISA Kit; PSMD7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD7 elisa kit	Intended Uses: This PSMD7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PSMD7. This ELISA kit for research use only! Principle of the Assay: PSMD7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PSMD7 antibody and an PSMD7-HRP conjugate. The assay sample and buffer are incubated together with PSMD7-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PSMD7 concentration since PSMD7 from samples and PSMD7-HRP conjugate compete for the anti-PSMD7 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMD7 from the sample, fewer sites are left to bind PSMD7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMD7 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PSMD7 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777615
NCBI GeneID	5713
NCBI Accession #	NP_002802.2
NCBI GenBank Nucleotide #	NM_002811.4
Molecular Weight	37,025 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 7
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7
NCBI Official Symbol	PSMD7
NCBI Official Synonym Symbols	P40; S12; Rpn8; MOV34
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 7; Mov34 homolog; proteasome subunit p40; 26S proteasome regulatory subunit S12; 26S proteasome regulatory subunit rpn8; Moloney leukemia virus-34 proviral integration; proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Mov34 homolog)
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 7
UniProt Gene Name	PSMD7
UniProt Synonym Gene Names	MOV34L
UniProt Entry Name	PSMD7_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/mouse-elisa-kits/26s-proteasome-non-atpase-regulatory-subunit-7-psmd7/246260>