

Human PSMD14 (26S proteasome non-ATPase regulatory subunit 14) ELISA Kit | PSMD14 elisa kit

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CATALOG # AAA251221	REACTIVITY Human
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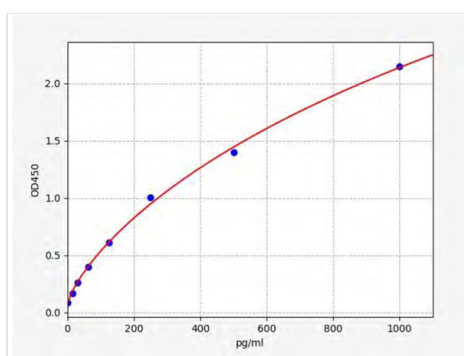
PRODUCT SYNONYMS

PSMD14 (26S proteasome non-ATPase regulatory subunit 14); Human PSMD14 (26S proteasome non-ATPase regulatory subunit 14) ELISA Kit; PSMD14; 26S proteasome non-ATPase regulatory subunit 14; 26S proteasome regulatory subunit RPN11; 26S proteasome-associated PAD1 homolog 1; PSMD14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize PSMD14, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	15.6-1000pg/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD14 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti PSMD14 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti PSMD14 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with PSMD14 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of PSMD14 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42490917
NCBI GeneID	10213
UniProt Accession #	O00487; O00176; B3KNW2
Molecular Weight	34,577 Da
NCBI Official Full Name	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 14
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14
NCBI Official Symbol	PSMD14
NCBI Official Synonym Symbols	PAD1; POH1; RPN11
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 14; 26S proteasome regulatory subunit rpn11; 26S proteasome-associated PAD1 homolog 1
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 14
UniProt Gene Name	PSMD14
UniProt Synonym Gene Names	POH1
UniProt Entry Name	PSDE_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/human-elisa-kits/psmd14-26s-proteasome-non-atpase-regulatory-subunit-14/251221>