

Human 26S proteasome non ATPase regulatory subunit 6 (PSMD6) ELISA Kit | PSMD6 elisa kit

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CATALOG # AAA245069	REACTIVITY Human
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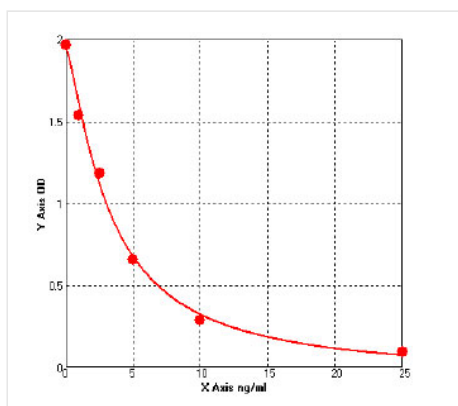
PRODUCT SYNONYMS

26S proteasome non ATPase regulatory subunit 6 (PSMD6); Human 26S proteasome non ATPase regulatory subunit 6 (PSMD6) ELISA Kit; PSMD6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMD6. No significant cross-reactivity or interference between PSMD6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PSMD6 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMD6 elisa kit	Principle of the Assay: PSMD6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PSMD6 antibody and an PSMD6-HRP conjugate. The assay sample and buffer are incubated together with PSMD6-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 PSMD6 concentration since PSMD6 from samples and PSMD6-HRP conjugate compete for the anti-PSMD6 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMD6 from the sample, fewer sites are left to bind PSMD6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMD6 concentration in each sample is interpolated from this standard curve. Intended Uses: This PSMD6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PSMD6. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PSMD6 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661914
NCBI GeneID	9861
NCBI Accession #	NP_055629.1
NCBI GenBank Nucleotide #	NM_014814.2
Molecular Weight	51,923 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 6 isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 6
NCBI Official Symbol	PSMD6
NCBI Official Synonym Symbols	S10; Rpn7; p42A; p44S10; SGA-113M
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 6; breast cancer-associated protein SGA-113M; phosphonoformate immuno-associated protein 4; proteasome regulatory particle subunit p44S10
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 6
UniProt Gene Name	PSMD6
UniProt Synonym Gene Names	KIAA0107; PFAAP4
UniProt Entry Name	PSMD6_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/26s-proteasome-non-atpase-regulatory-subunit-6-psmd6/245069>