

Human 26S proteasome non ATPase regulatory subunit 10 (PSMD10) ELISA Kit | PSMD10 elisa kit

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CATALOG #
AAA27283

REACTIVITY
Human

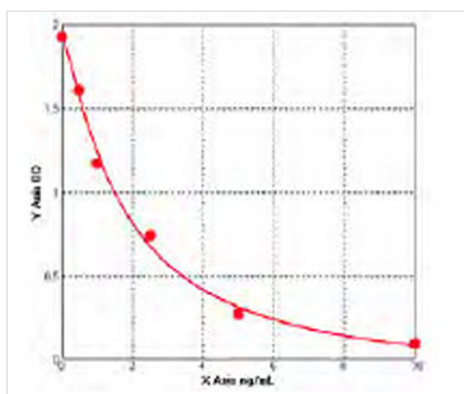
PRODUCT SYNONYMS

26S proteasome non ATPase regulatory subunit 10 (PSMD10); Human 26S proteasome non ATPase regulatory subunit 10 (PSMD10) ELISA Kit; PSMD10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 PSMD10 elisa kit

Intended Uses: This PSMD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PSMD1. This ELISA kit for research use only!

Principle of the Assay: PSMD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PSMD1 antibody and an PSMD1-HRP conjugate. The assay sample and buffer are incubated together with PSMD1-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 PSMD1 concentration since PSMD1 from samples and PSMD1-HRP conjugate compete for the anti-PSMD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMD1 from the sample, fewer sites are left to bind PSMD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMD1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28605137
NCBI GeneID	5716
NCBI Accession #	NP_736606.1
NCBI GenBank Nucleotide #	NM_170750.2
Molecular Weight	16,137 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 10 isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 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; gankyrin; ankyrin repeat protein; 26S proteasome regulatory subunit p28; hepatocellular carcinoma-associated protein p28-II
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 10
UniProt Gene Name	PSMD10
UniProt Entry Name	PSD10_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-10-psmd10/27283>