

Human 26S proteasome non ATPase regulatory subunit 11 ELISA Kit | PSMD11 elisa kit

Human 26S proteasome non ATPase regulatory subunit 11 ELISA Kit

CATALOG #
AAA27163

REACTIVITY
Human

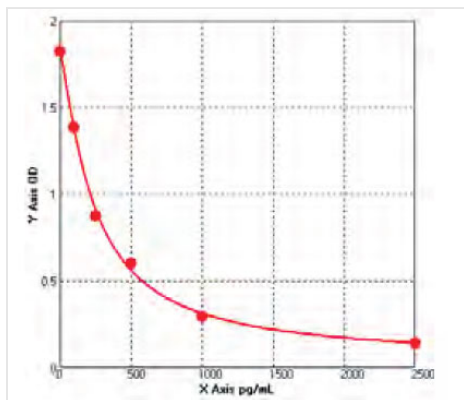
PRODUCT SYNONYMS

26S proteasome non ATPase regulatory subunit 11; Human 26S proteasome non ATPase regulatory subunit 11 ELISA Kit; PSMD11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMD11. No significant cross-reactivity or interference between PSMD11 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PSMD11 and all the analogues, therefore, cross reaction may still exist in some cases.
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 PSMD11 elisa kit	Intended Uses: This PSMD11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanPSMD11. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PSMD11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PSMD11 antibody and an PSMD11-HRP conjugate. The assay sample and buffer are incubated together with PSMD11-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 PSMD11 concentration since PSMD11 from samples and PSMD11-HRP conjugate compete for the anti-PSMD11 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMD11 from the sample, fewer sites are left to bind PSMD11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMD11 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PSMD11 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953908
NCBI GeneID	5717
NCBI Accession #	NP_001257411.1
NCBI GenBank Nucleotide #	NM_001270482.1
Molecular Weight	47,535 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 11
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11
NCBI Official Symbol	PSMD11
NCBI Official Synonym Symbols	S9; Rpn6; p44.5
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 11; 26S proteasome regulatory subunit 9; 26S proteasome regulatory subunit S9; 26S proteasome regulatory subunit RPN6; 26S proteasome regulatory subunit p44.5
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 11
UniProt Gene Name	PSMD11
UniProt Entry Name	PSD11_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/psmd11-human-elisa-kits/26s-proteasome-non-atpase-regulatory-subunit-11/27163>