

Bovine 26S proteasome non-ATPase regulatory subunit 2 (PSMD2) ELISA Kit | PSMD2 elisa kit

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CATALOG # AAA244332	REACTIVITY Bovine
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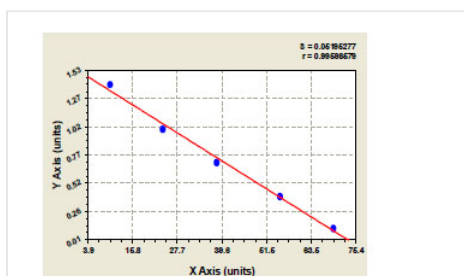
PRODUCT SYNONYMS

26S proteasome non-ATPase regulatory subunit 2 (PSMD2); Bovine 26S proteasome non-ATPase regulatory subunit 2 (PSMD2) ELISA Kit; PSMD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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



ADDITIONAL INFORMATION

Related Product Information for PSMD2 elisa kit	Intended Uses: This PSMD2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PSMD2. This ELISA kit for research use only! Principle of the Assay: PSMD2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-PSMD2 antibody and an PSMD2-HRP conjugate. The assay sample and buffer are incubated together with PSMD2-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 PSMD2 concentration since PSMD2 from samples and PSMD2-HRP conjugate compete for the anti-PSMD2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMD2 from the sample, fewer sites are left to bind PSMD2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMD2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PSMD2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	523425734
NCBI GeneID	5708
NCBI Accession #	NP_001265637.1
NCBI GenBank Nucleotide #	NM_001278708.1
Molecular Weight	85,606 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 2 isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
NCBI Official Symbol	PSMD2
NCBI Official Synonym Symbols	S2; P97; RPN1; TRAP2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 2; 55.11 protein; protein 55.11; TNFR-associated protein 2; tumor necrosis factor type 1 receptor-associated protein 2
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 2
UniProt Gene Name	PSMD2
UniProt Synonym Gene Names	TRAP2
UniProt Entry Name	PSMD2_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/bovine-ovine-elisa-kits/26s-proteasome-non-atpase-regulatory-subunit-2-psmd2/244332>