

Mouse 26S protease regulatory subunit 6B (PSMC4) ELISA Kit | PSMC4 elisa kit

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CATALOG #
AAA246253

REACTIVITY
Mouse

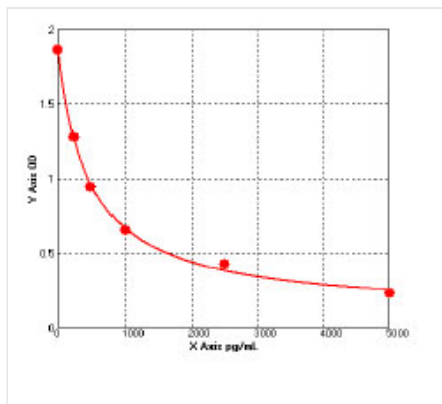
PRODUCT SYNONYMS

26S protease regulatory subunit 6B (PSMC4); Mouse 26S protease regulatory subunit 6B (PSMC4) ELISA Kit; PSMC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMC4. No significant cross-reactivity or interference between PSMC4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PSMC4 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMC4 elisa kit	Principle of the Assay: PSMC4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PSMC4 antibody and an PSMC4-HRP conjugate. The assay sample and buffer are incubated together with PSMC4-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 PSMC4 concentration since PSMC4 from samples and PSMC4-HRP conjugate compete for the anti-PSMC4 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMC4 from the sample, fewer sites are left to bind PSMC4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMC4 concentration in each sample is interpolated from this standard curve. Intended Uses: This PSMC4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PSMC4. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PSMC4 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729991
NCBI GeneID	5704
NCBI Accession #	NP_006494.1
NCBI GenBank Nucleotide #	NM_006503.3
Molecular Weight	43,508 Da
NCBI Official Full Name	26S protease regulatory subunit 6B isoform 1
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 4
NCBI Official Symbol	PSMC4
NCBI Official Synonym Symbols	S6; RPT3; TBP7; TBP-7; MIP224
NCBI Protein Information	26S protease regulatory subunit 6B; Tat-binding protein 7; protease 26S subunit 6; MB67-interacting protein; 26S proteasome AAA-ATPase subunit RPT3
UniProt Protein Name	26S protease regulatory subunit 6B
UniProt Gene Name	PSMC4
UniProt Synonym Gene Names	MIP224; TBP7; TBP-7
UniProt Entry Name	PRS6B_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://www.aaabiotech.com/mouse-elisa-kits/26s-protease-regulatory-subunit-6b-psmc4/246253>