

Human Proteasome subunit beta type-9 ELISA Kit | PSMB9 elisa kit

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CATALOG #
AAA101588

REACTIVITY
Human

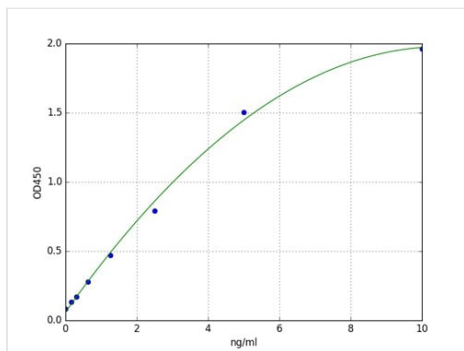
PRODUCT SYNONYMS

Proteasome subunit beta type-9; Human Proteasome subunit beta type-9 ELISA Kit; PSMB9/Proteasome subunit beta type-9/Really interesting new gene 12 protein/Proteasome subunit beta-1i/Proteasome chain 7/Multicatalytic endopeptidase complex chain 7/Low molecular mass protein 2/Macropain chain 7/LMP2/PSMB6i/RING12; PSMB9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	219
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PSMB9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.035	0.211	0.352	0.592	0.970	1.332	1.776	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMB9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PSMB9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PSMB9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PSMB9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PSMB9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506205
NCBI GeneID	5698
NCBI Accession #	NP_002791.1
NCBI GenBank Nucleotide #	NM_002800.4
Molecular Weight	22,328 Da
NCBI Official Full Name	proteasome subunit beta type-9
NCBI Official Synonym Full Names	proteasome subunit beta 9
NCBI Official Symbol	PSMB9
NCBI Official Synonym Symbols	LMP2; PSMB6i; RING12; beta1i
NCBI Protein Information	proteasome subunit beta type-9
UniProt Protein Name	Proteasome subunit beta type-9
UniProt Gene Name	PSMB9
UniProt Synonym Gene Names	LMP2; PSMB6i; RING12
UniProt Entry Name	PSB9_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/psmb9-human-elisa-kits/proteasome-subunit-beta-type-9/101588>