

Human Proteasome subunit beta type-8 ELISA Kit | PSMB8 elisa kit

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CATALOG #
AAA194107

REACTIVITY
Human

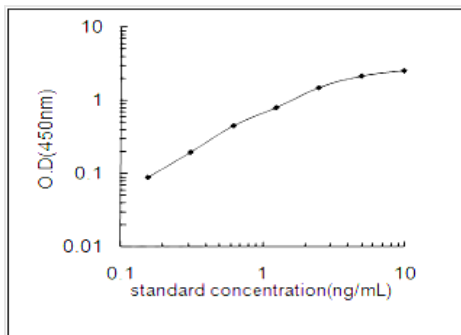
PRODUCT SYNONYMS

Proteasome subunit beta type-8; Human Proteasome subunit beta type-8 ELISA Kit; Low molecular mass protein 7; Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit; PSMB8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Proteasome subunit beta type-8. No significant cross-reactivity or interference was observed.
Sequence Length	272
Samples	Serum, Plasma Plasma Plasma Plasma, tissue homogenates and Cell culture supemates and Other biological fluids.
Detection Range	0.15 ng/mL -10.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMB8 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Proteasome subunit beta type-8 concentrations in serum, Plasma Plasma Plasma Plasma, tissue homogenates and Cell culture supemates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Proteasome subunit beta type-8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Proteasome subunit beta type-8 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Proteasome subunit beta type-8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Proteasome subunit beta type-8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758970
NCBI GeneID	5696
NCBI Accession #	NP_004150.1
NCBI GenBank Nucleotide #	NM_004159.4
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
Molecular Weight	29,770 Da
NCBI Official Full Name	proteasome subunit beta type-8 isoform E1
NCBI Official Synonym Full Names	proteasome subunit beta 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2
UniProt Entry Name	PSB8_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/psmb8-human-elisa-kits/proteasome-subunit-beta-type-8/194107>