

Rat Proteasome subunit beta type-9 ELISA Kit | Psmb9 elisa kit

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CATALOG #
AAA56220

REACTIVITY
Rat

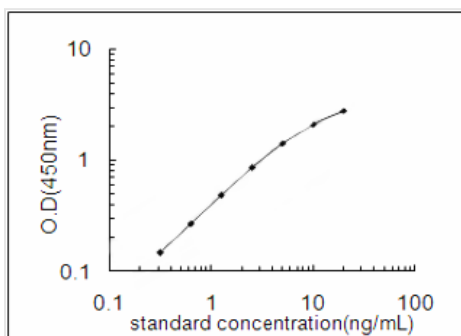
PRODUCT SYNONYMS

Proteasome subunit beta type-9; Rat Proteasome subunit beta type-9 ELISA Kit; Psmb9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Proteasome subunit beta type-9. No significant cross-reactivity or interference was observed.
Sequence Length	219
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.166 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=9.1%
Recovery	90%
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 Psmb9 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Proteasome subunit beta type-9. 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-9 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-9, 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-9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	258614009
NCBI GeneID	24967
NCBI Accession #	NP_036840.2
NCBI GenBank Nucleotide #	NM_012708.2
UniProt Accession #	P28077
Molecular Weight	23,324 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
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; Ring12
UniProt Entry Name	PSB9_RAT

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.