

Human proteasome, prosome, macropain subunit, beta type, 1, PSMB1 ELISA Kit | PSMB1 elisa kit

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CATALOG #
AAA123640

REACTIVITY
Human

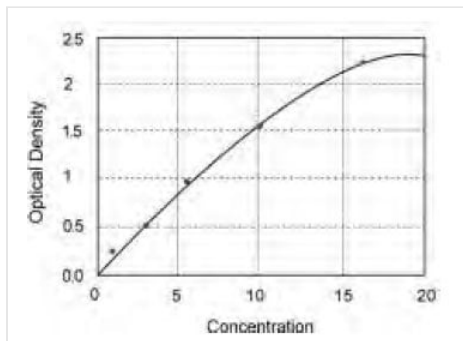
PRODUCT SYNONYMS

proteasome; prosome; macropain subunit; beta type; 1; PSMB1; Human proteasome; PSMB1 ELISA Kit; PSMB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	219
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.81ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMB1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PSMB1 antibody. PSMB1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PSMB1 Antibody is added and binds to PSMB1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PSMB1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human PSMB1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human proteasome(prosome, macropain) subunit, beta type, 1 (also known as PSMB1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119567805
NCBI GeneID	5689
NCBI Official Full Name	proteasome (prosome, macropain) subunit, beta type, 1, isoform CRA_a
NCBI Official Synonym Full Names	proteasome 20S subunit beta 1
NCBI Official Symbol	PSMB1
NCBI Official Synonym Symbols	HC5; PSC5; PMSB1
NCBI Protein Information	proteasome subunit beta type-1

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/human-elisa-kits/proteasome-prosome-macropain-subunit-beta-type-1-psmb1/123640>