

Mouse 20S-Proteasome (20S-PSM) ELISA Kit | 20S-PSM elisa kit

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CATALOG #
AAA121592

REACTIVITY
Mouse

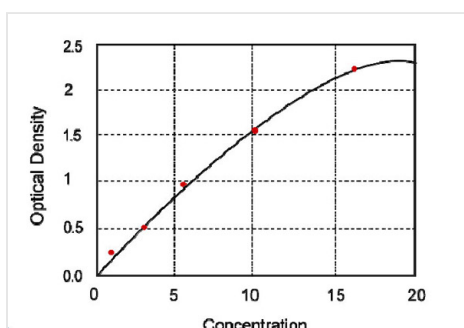
PRODUCT SYNONYMS

20S-Proteasome (20S-PSM); Mouse 20S-Proteasome (20S-PSM) ELISA Kit; 20S-PSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	56
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.26ng/ml
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 20S-PSM elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse 20S-Proteasome (also known as 20S-PSM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse 20S-PSM antibody. 20S-PSM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 20S-PSM Antibody is added and binds to 20S-PSM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated 20S-PSM 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 Mouse 20S-PSM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1393682699
Molecular Weight	6,398 Da
NCBI Official Full Name	20S proteasome
UniProt Protein Name	20S proteasome
UniProt Gene Name	KPSA1_04311

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/mouse-elisa-kits/20s-proteasome-20s-psm/121592>