

Human 26S Proteasome ELISA Kit | 26S-PSM elisa kit

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CATALOG #
AAA101286

REACTIVITY
Human

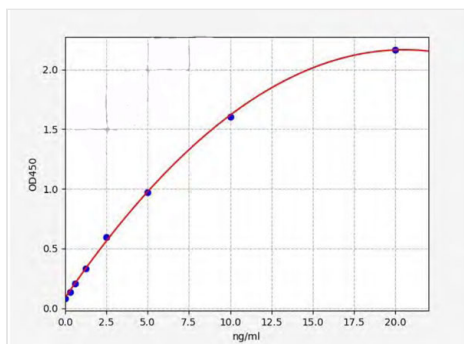
PRODUCT SYNONYMS

26S Proteasome; Human 26S Proteasome ELISA Kit; 26S-PSM (26S Proteasome)/26SPSM/26-SPSM; 26S-PSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize 26S-PSM, no obvious cross reaction with other analogues
Sequence Length	310
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for 26S-PSM elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti 26S-PSM antibody was pre-coated onto the 96-well plate. The biotin conjugated anti 26S-PSM antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with 26S-PSM conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of 26S-PSM in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	284091260
NCBI GeneID	8850219
Molecular Weight	34,833 Da
NCBI Official Full Name	26S proteasome
NCBI Official Symbol	NAEGRDRAFT_39105
NCBI Protein Information	26S proteasome
UniProt Protein Name	26S proteasome
UniProt Gene Name	NAEGRDRAFT_39105
UniProt Entry Name	D2VEL9_NAEGR

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/26s-psm-human-elisa-kits/26s-proteasome/101286>