

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

Human 26S-Proteasome (26S-PSM) ELISA Kit

CATALOG #
AAA129669

REACTIVITY
Human

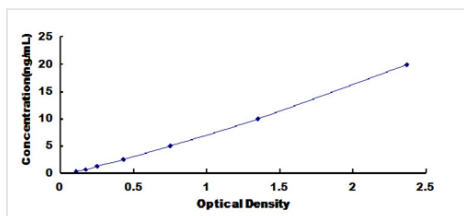
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of 26S-PSM. No significant cross-reactivity or interference between 26S-PSM and analogues was observed.
Sequence Length	310
Samples	Human tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of 26S-PSM is typically less than 0.104ng/mL. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined by adding two standard deviations to the mean optical density value of twenty zero standard replicates and calculating the corresponding concentration.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level 26S-PSM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level 26S-PSM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Intended Uses	The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of 26S-PSM in human tissue homogenates, cell lysates and other biological fluids.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 26S-PSM elisa kit	Principle of the assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to 26S-PSM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to 26S-PSM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain 26S-PSM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of 26S-PSM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	284091260
NCBI GeneID	8850219
NCBI Official Full Name	26S proteasome
NCBI Official Symbol	NAEGRDRAFT_39105
NCBI Protein Information	26S proteasome

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/26s-proteasome-26s-psm/129669>