

Human 20S proteasome ELISA Kit | 20SP elisa kit

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CATALOG #
AAA84428

REACTIVITY
Human

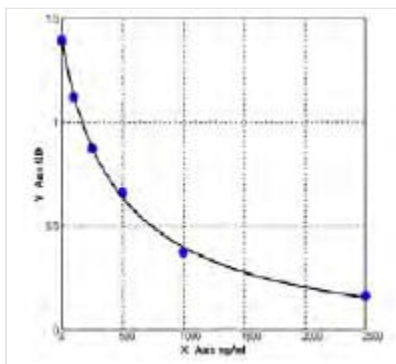
PRODUCT SYNONYMS

20S proteasome; Human 20S proteasome ELISA Kit; 20SP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 20SP elisa kit

Intended Uses: This 20S-PSM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 20S-PSM. This ELISA kit for research use only!

Principle of the Assay: 20S-PSM ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-20S-PSM antibody and an 20S-PSM-HRP conjugate. The assay sample and buffer are incubated together with 20S-PSM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the 20S-PSM concentration since 20S-PSM from samples and 20S-PSM-HRP conjugate compete for the anti-20S-PSM antibody binding site. Since the number of sites is limited, as more sites are occupied by 20S-PSM from the sample, fewer sites are left to bind 20S-PSM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 20S-PSM concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	284096649
NCBI GeneID	8863741
Molecular Weight	27,433 Da
NCBI Official Full Name	20S proteasome
NCBI Official Symbol	NAEGRDRAFT_77167
NCBI Protein Information	20S proteasome
UniProt Protein Name	Proteasome subunit beta type
UniProt Entry Name	D2UXF6_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/20sp-human-elisa-kits/20s-proteasome/84428>