

Mouse 20S proteasome ELISA Kit | 20SP elisa kit

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CATALOG #
AAA84448

REACTIVITY
Mouse

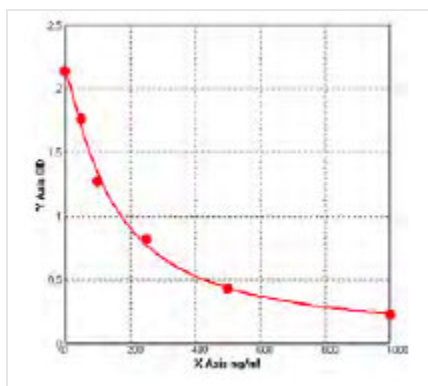
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/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 20-HETE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 20-HETE. This ELISA kit for research use only!

Principle of the Assay: 20-HETE ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-20-HETE antibody and an 20-HETE-HRP conjugate. The assay sample and buffer are incubated together with 20-HETE-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 20-HETE concentration since 20-HETE from samples and 20-HETE-HRP conjugate compete for the anti-20-HETE antibody binding site. Since the number of sites is limited, as more sites are occupied by 20-HETE from the sample, fewer sites are left to bind 20-HETE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 20-HETE 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-mouse-elisa-kits/20s-proteasome/84448>