

Canine 26S proteasome ELISA Kit | 26S PSM elisa kit

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CATALOG #
AAA93149

REACTIVITY
Canine

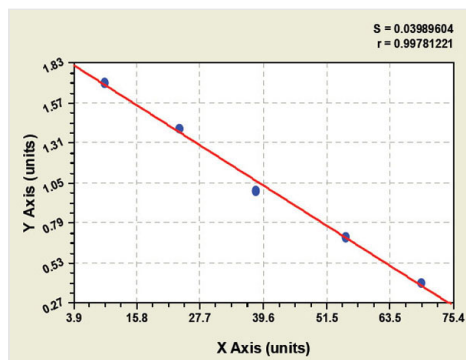
PRODUCT SYNONYMS

26S proteasome; Canine 26S proteasome ELISA Kit; 26S PSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This 26S PSM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine 26S PSM. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 26S PSM elisa kit	Principle of the Assay: 26S PSM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-26S PSM antibody and an 26S PSM-HRP conjugate. The assay sample and buffer are incubated together with 26S 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 26S PSM concentration since 26S PSM from samples and 26S PSM-HRP conjugate compete for the anti-26S PSM antibody binding site. Since the number of sites is limited, as more sites are occupied by 26S PSM from the sample, fewer sites are left to bind 26S PSM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 26S PSM concentration in each sample is interpolated from this standard curve.
Product Categories/Family for 26S PSM elisa kit	Cell Biology

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 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.