

Rat 20S-PSM ELISA Kit | 20S-PSM elisa kit

Rat 20S-PSM (20S-Proteasome) ELISA Kit

CATALOG #
AAA165992

REACTIVITY
Rat

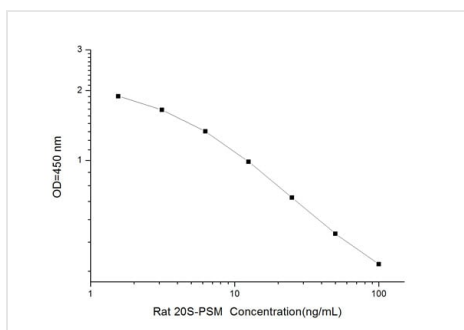
PRODUCT SYNONYMS

20S-PSM; Rat 20S-PSM (20S-Proteasome) ELISA Kit; 20S-PSM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes RabbitIP-10/CXCL10 in samples. No significant cross-reactivity or interference between RabbitIP-10/CXCL10 and analogues was observed.
Sequence Length	210
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	0.188ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level RabbitIP-10/CXCL10 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level RabbitIP-10/CXCL10 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 20S-PSM elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of RabbitIP-10/CXCL10 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to RabbitIP-10/CXCL10. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RabbitIP-10/CXCL10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain RabbitIP-10/CXCL10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of RabbitIP-10/CXCL10. You can calculate the concentration of RabbitIP-10/CXCL10 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	268323699
UniProt Accession #	D1JFH9
Molecular Weight	22,826 Da
NCBI Official Full Name	20S proteasome, beta subunit
UniProt Protein Name	Proteasome subunit beta
UniProt Gene Name	psm
UniProt Entry Name	D1JFH9_9ARCH

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/rat-elisa-kits/20s-psm/165992>