

## Rat Proteasome subunit beta type 9 (PSMB9) ELISA Kit | PSMB9 elisa kit

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CATALOG #  
**AAA85376**

REACTIVITY  
**Rat**

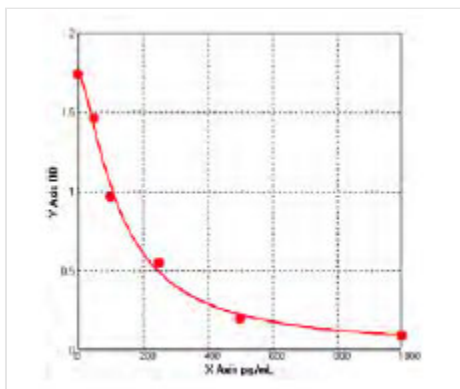
### PRODUCT SYNONYMS

Proteasome subunit beta type 9 (PSMB9); Rat Proteasome subunit beta type 9 (PSMB9) ELISA Kit; PSMB9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rat                                                                        |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 50-1000ng/mL                                                               |
| Sensitivity             | 1.0ng/ml                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PSMB9 elisa kit

**Intended Uses:** This PSMB9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PSMB9. This ELISA kit for research use only!

**Principle of the Assay:** PSMB9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PSMB9 antibody and an PSMB9-HRP conjugate. The assay sample and buffer are incubated together with PSMB9-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 PSMB9 concentration since PSMB9 from samples and PSMB9-HRP conjugate compete for the anti-PSMB9 antibody binding site. Since the number of sites is limited, as more sites are occupied by PSMB9 from the sample, fewer sites are left to bind PSMB9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PSMB9 concentration in each sample is interpolated from this standard curve.

**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/proteasome-subunit-beta-type-9-psmb9/85376>