

Rat Protamine 1 ELISA Kit | PRM 1 elisa kit

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CATALOG #
AAA82395

REACTIVITY
Rat

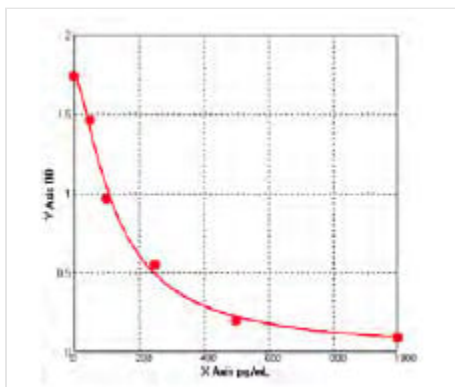
PRODUCT SYNONYMS

Protamine 1; Rat Protamine 1 ELISA Kit; PRM 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500 pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRM 1 elisa kit

Intended Uses: This PRM1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PRM1. This ELISA kit for research use only!

Principle of the Assay: PRM1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PRM1 antibody and an PRM1-HRP conjugate. The assay sample and buffer are incubated together with PRM1-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 PRM1 concentration since PRM1 from samples and PRM1-HRP conjugate compete for the anti-PRM1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PRM1 from the sample, fewer sites are left to bind PRM1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PRM1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	886876
UniProt Accession #	P04553
Molecular Weight	6,823 Da
NCBI Official Full Name	protamine 1
UniProt Protein Name	Sperm protamine P1
UniProt Gene Name	PRM1
UniProt Entry Name	HSP1_HUMAN

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/prm-1-rat-elisa-kits/protamine-1/82395>