

Rat Sperm protamine P1 ELISA Kit | Prm1 elisa kit

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CATALOG #
AAA191448

REACTIVITY
Rat

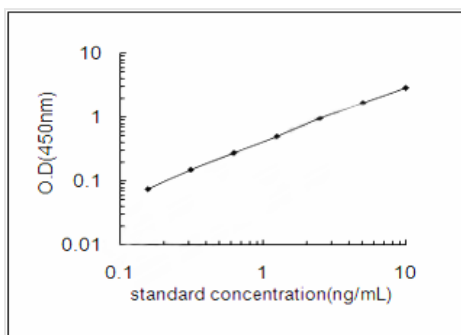
PRODUCT SYNONYMS

Sperm protamine P1; Rat Sperm protamine P1 ELISA Kit; Cysteine-rich protamine; Prm1; Prm-1; Prm1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Sperm protamine P1. No significant cross-reactivity or interference was observed.
Sequence Length	51
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Prm1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Sperm protamine P1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Sperm protamine P1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Sperm protamine P1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Sperm protamine P1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Sperm protamine P1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50811817
NCBI GeneID	24685
NCBI Accession #	NP_001002850.1
NCBI GenBank Nucleotide #	NM_001002850.1
UniProt Accession #	P10118; A0JN03
Molecular Weight	7,020 Da
NCBI Official Full Name	sperm protamine P1
NCBI Official Synonym Full Names	protamine 1
NCBI Official Symbol	Prm1
NCBI Protein Information	sperm protamine P1
UniProt Protein Name	Sperm protamine P1
UniProt Gene Name	Prm1
UniProt Synonym Gene Names	Prm-1
UniProt Entry Name	HSP1_RAT

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/prm1-rat-elisa-kits/sperm-protamine-p1/191448>