

Human Sperm protamine P1 ELISA Kit | PRM1 elisa kit

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CATALOG #
AAA101058

REACTIVITY
Human

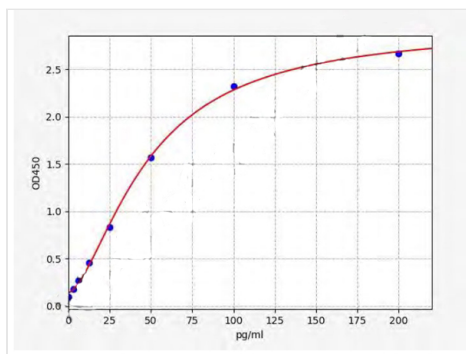
PRODUCT SYNONYMS

Sperm protamine P1; Human Sperm protamine P1 ELISA Kit; PRM1/Sperm protamine P1/Cysteine-rich protamine; PRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PRM1. No significant cross-reactivity or interference between PRM1 and analogues was observed.
Sequence Length	51
Assay Type	Sandwich
Samples	Serum, plasma, seminal fluid, tissue homogenates and other biological fluids
Detection Range	3.125-200pg/ml
Sensitivity	1.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRM1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506109
NCBI GeneID	5619
NCBI Accession #	NP_002752.1
NCBI GenBank Nucleotide #	NM_002761.2
Molecular Weight	6,823 Da
NCBI Official Full Name	sperm protamine P1
NCBI Official Synonym Full Names	protamine 1
NCBI Official Symbol	PRM1
NCBI Official Synonym Symbols	P1; CT94.1
NCBI Protein Information	sperm protamine P1
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/prm1-human-elisa-kits/sperm-protamine-p1/101058>