

Human protamine 1 ELISA Kit | PRM1 elisa kit

Human Protamine 1, PRM1 ELISA Kit

CATALOG #
AAA15384

REACTIVITY
Human

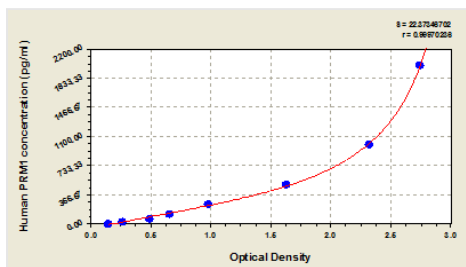
PRODUCT SYNONYMS

protamine 1; Human Protamine 1; PRM1 ELISA Kit; CT94.1; P1; cancer/testis antigen family 94; member 1; sperm protamine P1; testis specific protamine 1; PRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PRM1. No significant cross-reactivity or interference between human PRM1 and analogues was observed.
Sequence Length	51
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml
Sensitivity	Typically less than 7.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRM1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PRM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRM1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRM1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
UniProt Accession #	P04553
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; cysteine-rich protamine; testis specific protamine 1; cancer/testis antigen family 94, member 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.