

Human Protamine-2 (PRM2) ELISA Kit | PRM2 elisa kit

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CATALOG #
AAA331321

REACTIVITY
Human

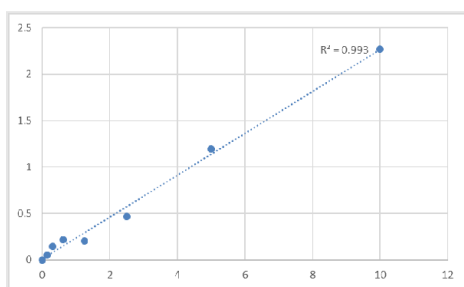
PRODUCT SYNONYMS

Protamine-2 (PRM2); Human Protamine-2 (PRM2) ELISA Kit; PRM2; CT94.2; FLJ27447; Sperm protamine P2; cancer/testis antigen family 94; member 2; PRM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protamine-2 (PRM2) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRM2. No significant cross-reactivity or interference between Human PRM2 and analogues was observed.
Sequence Length	94
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Protamine-2 (PRM2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRM2 elisa kit	Description: This Human Protamine-2 (PRM2) ELISA Kit employs a two-site sandwich ELISA to quantitate PRM2 in samples. An antibody specific for PRM2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRM2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRM2 is added to the wells. After washing, Streptavidin 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 PRM2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Presumably PRM2 is located on human chromosome 16, close to PRM1: in the mouse the corresponding 2 loci are closely linked, and in the Chinese hamster, probes specific for the 2 protamines hybridize to the same restriction fragments after digestion of hamster genomic DNA with any of 5 different restriction endonucleases (Reeves et al., 1987, 1989). The tight linkage may be of functional significance since PRM1 and PRM2 are among the limited number of genes known to be expressed postmeiotically in haploid cells. In mouse, only one P2 protamine has been detected, whereas in man, the P2 protamine family is represented by 3 protamines, HP2, HP3 and HP4, whose amino acid sequences are identical except at their amino terminal ends.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	328802677
NCBI GeneID	281424
NCBI Accession #	NP_776582.2
NCBI GenBank Nucleotide #	NP_776582.2
UniProt Accession #	P19782
NCBI Official Full Name	protamine-2
NCBI Official Synonym Full Names	protamine 2
NCBI Official Symbol	PRM2
NCBI Protein Information	protamine-2
UniProt Protein Name	Protamine-2
UniProt Gene Name	PRM2
UniProt Entry Name	PRM2_BOVIN

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.