

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

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CATALOG #
AAA246710

REACTIVITY
Bovine

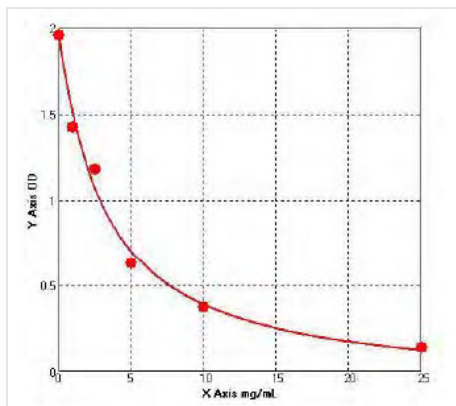
PRODUCT SYNONYMS

Protamine-2 (PRM2); Bovine Protamine-2 (PRM2) ELISA Kit; PRM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of PRM2. No significant cross-reactivity or interference between PRM2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PRM2 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRM2 elisa kit	Intended Uses: This PRM2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PRM2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PRM2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PRM2 antibody and an PRM2-HRP conjugate. The assay sample and buffer are incubated together with PRM2-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 PRM2 concentration since PRM2 from samples and PRM2-HRP conjugate compete for the anti-PRM2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PRM2 from the sample, fewer sites are left to bind PRM2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PRM2 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	556503380
NCBI GeneID	5620
NCBI Accession #	NP_001273286.1
NCBI GenBank Nucleotide #	NM_001286357.1
Molecular Weight	17,106 Da
NCBI Official Full Name	protamine-2 isoform 3
NCBI Official Synonym Full Names	protamine 2
NCBI Official Symbol	PRM2
NCBI Official Synonym Symbols	CT94.2
NCBI Protein Information	protamine-2; sperm histone P2; sperm protamine P2; cancer/testis antigen family 94, member 2
UniProt Protein Name	Protamine-2
UniProt Gene Name	PRM2
UniProt Synonym Gene Names	P2'
UniProt Entry Name	PRM2_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.