

Mouse Parathymosin (PTMS) ELISA Kit | PTMS elisa kit

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CATALOG #
AAA182366

REACTIVITY
Mouse

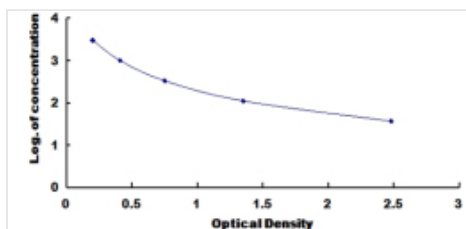
PRODUCT SYNONYMS

Parathymosin (PTMS); Mouse Parathymosin (PTMS) ELISA Kit; ParaT; PTMS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Parathymosin (PTMS). No significant cross-reactivity or interference between Parathymosin (PTMS) and analogues was observed.
Sequence Length	102
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	37.04-3000ng/mL
Sensitivity	< 14.2ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Parathymosin (PTMS) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Parathymosin (PTMS) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTMS elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Parathymosin (PTMS) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Parathymosin (PTMS) and unlabeled Parathymosin (PTMS) (Standards or samples) with the pre-coated antibody specific to Parathymosin (PTMS). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Parathymosin (PTMS) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Parathymosin (PTMS) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46276863
NCBI GeneID	5763
NCBI Accession #	NP_002815.3
NCBI GenBank Nucleotide #	NM_002824.5
UniProt Accession #	P20962
Molecular Weight	11,530 Da
NCBI Official Full Name	parathymosin isoform 2
NCBI Official Synonym Full Names	parathymosin
NCBI Official Symbol	PTMS
NCBI Official Synonym Symbols	ParaT
NCBI Protein Information	parathymosin
UniProt Protein Name	Parathymosin
UniProt Gene Name	PTMS

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://www.aaabiotech.com/mouse-elisa-kits/parathymosin-ptms/182366>