

Parathymosin (PTMS) ELISA Kit | PTMS elisa kit

Rat Parathymosin (PTMS) ELISA Kit

CATALOG #
AAA68665

REACTIVITY
Rat

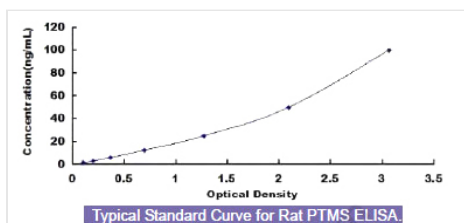
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PTMS. No significant cross-reactivity or interference between PTMS and analogues was observed.
Sequence Length	102
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	<0.58ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PTMS were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PTMS were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTMS elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PTMS in rat serum, plasma or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTMS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PTMS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PTMS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PTMS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14010875
NCBI GeneID	83801
NCBI Accession #	NP_114181.1
NCBI GenBank Nucleotide #	NM_031975.2
UniProt Accession #	P04550
Molecular Weight	11,559 Da
NCBI Official Full Name	parathymosin
NCBI Official Synonym Full Names	parathymosin
NCBI Official Symbol	Ptms
NCBI Official Synonym Symbols	ZnBP
NCBI Protein Information	parathymosin
UniProt Protein Name	Parathymosin
UniProt Gene Name	Ptms
UniProt Synonym Gene Names	Znbp

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/rat-elisa-kits/parathymosin-ptms/68665>