

Human Prothymosin Alpha (PTMA) ELISA Kit | PTMA elisa kit

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CATALOG #
AAA15169

REACTIVITY
Human

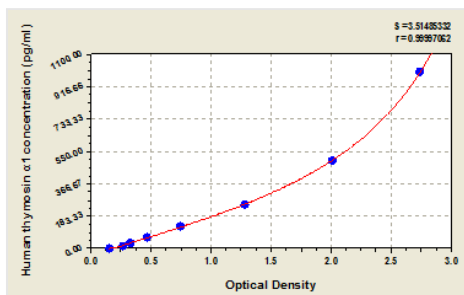
PRODUCT SYNONYMS

Prothymosin Alpha (PTMA); Human Prothymosin Alpha (PTMA) ELISA Kit; Human Thymosin alpha1 ELISA Kit; MGC104802; TMSA; gene sequence 28; prothymosin alpha protein; prothymosin; alpha; PTMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PTMA. No significant cross-reactivity or interference between human PTMA and analogues was observed.
Sequence Length	111
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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 PTMA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PTMA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTMA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTMA 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 PTMA 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 #	151101407
NCBI GeneID	5757
NCBI Accession #	NP_001092755.1
NCBI GenBank Nucleotide #	NM_001099285.1
UniProt Accession #	P06454; Q15249; Q15592
Molecular Weight	12,203 Da
NCBI Official Full Name	prothymosin alpha isoform 1
NCBI Official Synonym Full Names	prothymosin, alpha
NCBI Official Symbol	PTMA
NCBI Official Synonym Symbols	TMSA
NCBI Protein Information	prothymosin alpha; gene sequence 28; prothymosin alpha protein
UniProt Protein Name	Prothymosin alpha
UniProt Gene Name	PTMA
UniProt Synonym Gene Names	TMSA
UniProt Entry Name	PTMA_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/prothymosin-alpha-ptma/15169>