

Human Thymosin Beta 10 (TMSb10) ELISA Kit | TMSb10 elisa kit

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CATALOG #
AAA182365

REACTIVITY
Human

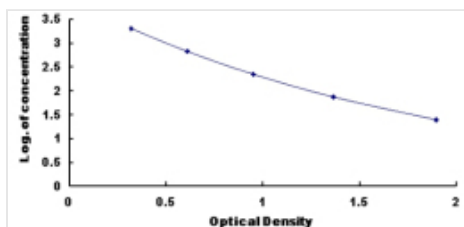
PRODUCT SYNONYMS

Thymosin Beta 10 (TMSb10); Human Thymosin Beta 10 (TMSb10) ELISA Kit; MIG12; TB10; PTMB10; TMSb10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Thymosin Beta 10 (TMSb10). No significant cross-reactivity or interference between Thymosin Beta 10 (TMSb10) and analogues was observed.
Sequence Length	44
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	24.69-2000ng/mL
Sensitivity	< 13.52ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Thymosin Beta 10 (TMSb10) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Thymosin Beta 10 (TMSb10) 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 TMSb10 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Thymosin Beta 10 (TMSb10) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Thymosin Beta 10 (TMSb10) and unlabeled Thymosin Beta 10 (TMSb10) (Standards or samples) with the pre-coated antibody specific to Thymosin Beta 10 (TMSb10). 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 Thymosin Beta 10 (TMSb10) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Thymosin Beta 10 (TMSb10) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10863895
NCBI GeneID	9168
NCBI Accession #	NP_066926.1
NCBI GenBank Nucleotide #	NM_021103.3
UniProt Accession #	P63313; P13472; Q596K9
Molecular Weight	5,026 Da
NCBI Official Full Name	thymosin beta-10
NCBI Official Synonym Full Names	thymosin beta 10
NCBI Official Symbol	TMSB10
NCBI Official Synonym Symbols	TB10; MIG12
NCBI Protein Information	thymosin beta-10
UniProt Protein Name	Thymosin beta-10
UniProt Gene Name	TMSB10
UniProt Synonym Gene Names	PTMB10; THYB10

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/thymosin-beta-10-tmsb10/182365>