

Mouse Thymosin beta-10 (TMSB10) ELISA Kit | TMSB10 elisa kit

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CATALOG #
AAA332160

REACTIVITY
Mouse

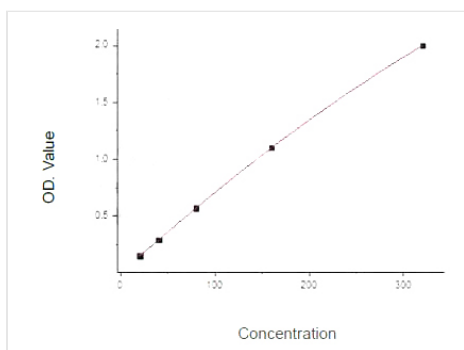
PRODUCT SYNONYMS

Thymosin beta-10 (TMSB10); Mouse Thymosin beta-10 (TMSB10) ELISA Kit; TMSB10; MIG12; TB10; migration-inducing gene 12; migration-inducing protein 12; thymosin; beta 10; TMSB10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Thymosin beta-10 (TMSB10) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TMSB10. No significant cross-reactivity or interference between Mouse TMSB10 and analogues was observed.
Sequence Length	44
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	20 pg/ml - 320 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%) $\leq$ 9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%) $\leq$ 11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSB10 elisa kit	Background: Thymosin-beta-10 is closely related in sequence to TMSB4 and is also an actin-sequestering protein. In most tissues of the rat, the same molecular weight species of TMSB10 mRNA is found; This finding, together with primer extension experiments, suggested that the 2 mRNAs are transcribed from the same gene through a combination of differential promoter utilization and alternative splicing. Both mRNAs were present in pachytene spermatocytes; only the testis-specific mRNA was detected in postmeiotic haploid spermatids. Immunohistochemical analysis showed that the protein was present in differentiating spermatids, suggesting that the testis-specific TMSB10 mRNA is translated in haploid male germ cells. thymosin-beta-10 protein synthesized in adult testis was identical in size to that synthesized in brain. Principle of the Assay: Mouse Thymosin beta-10 (TMSB10) ELISA Kit employs a two-site sandwich ELISA to quantitate TMSB10 in samples. An antibody specific for TMSB10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMSB10 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse TMSB10 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of TMSB10 bound in the initial step.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86476077
NCBI GeneID	19240
NCBI Accession #	NP_001034481.1
NCBI GenBank Nucleotide #	NP_001034481.1
UniProt Accession #	Q6ZWY8
NCBI Official Full Name	thymosin beta-10
NCBI Official Synonym Full Names	thymosin, beta 10
NCBI Official Symbol	Tmsb10
NCBI Official Synonym Symbols	Tb10; Ptmb10
NCBI Protein Information	thymosin beta-10
UniProt Protein Name	Thymosin beta-10
UniProt Gene Name	Tmsb10
UniProt Synonym Gene Names	Ptmb10
UniProt Entry Name	TYB10_MOUSE

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.