

Mouse Thymosin beta-4 ELISA Kit | Tmsb4x elisa kit

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CATALOG #
AAA310155

REACTIVITY
Mouse

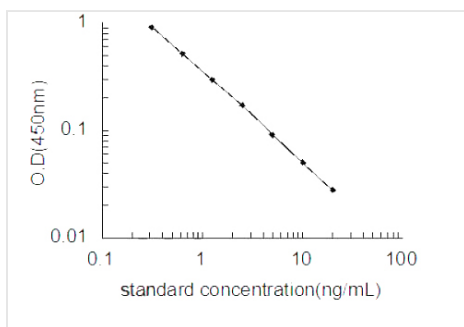
PRODUCT SYNONYMS

Thymosin beta-4; Mouse Thymosin beta-4 ELISA Kit; T beta 4; Tmsb4x; Ptmb4; Tmsb4; Tmsb4x elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural MouseT beta 4. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.31-20.0 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tmsb4x elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse T beta 4 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to T beta 4. During the reaction, T beta 4 in the sample or standard competes with a fixed amount of biotin-labeled T beta 4 for sites on a pre-coated Monoclonal antibody specific to T beta 4. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of T beta 4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946578
NCBI GeneID	19241
NCBI Accession #	NP_067253.1
NCBI GenBank Nucleotide #	NM_021278.2
UniProt Accession #	P20065
Molecular Weight	5,053 Da
NCBI Official Full Name	thymosin beta-4
NCBI Official Synonym Full Names	thymosin, beta 4, X chromosome
NCBI Official Symbol	Tmsb4x
NCBI Official Synonym Symbols	Tb4; Ptmb4
NCBI Protein Information	thymosin beta-4
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	Tmsb4x
UniProt Synonym Gene Names	Ptmb4; Tmsb4; T beta 4

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/tmsb4x-mouse-elisa-kits/thymosin-beta-4/310155>