

Mouse Thymosin beta-4 ELISA Kit | Tmsb4x elisa kit

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CATALOG #
AAA56488

REACTIVITY
Mouse

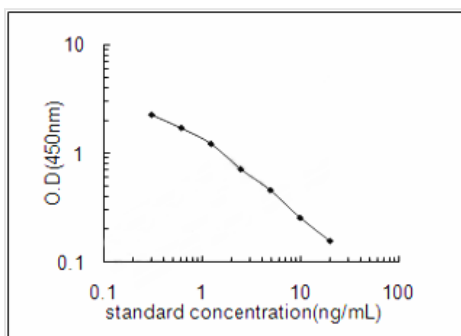
PRODUCT SYNONYMS

Thymosin beta-4; Mouse Thymosin beta-4 ELISA Kit; 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.
Sequence Length	44
Assay Type	Competitive
Detection Range	0.312-20 ng/ml
Sensitivity	0.168 ng/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=8.3%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 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.
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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
UniProt Entry Name	TYB4_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.