

Human Thymosin Beta 4 (Tb4) ELISA Kit | Tb4 elisa kit

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CATALOG #
AAA44401

REACTIVITY
Human

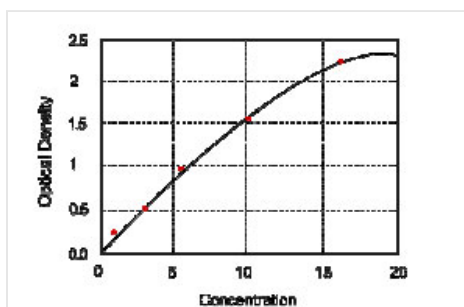
PRODUCT SYNONYMS

Thymosin Beta 4 (Tb4); Human Thymosin Beta 4 (Tb4) ELISA Kit; Tb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	44
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.23ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tb4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Thymosin Beta 4 (also known as Tb4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Tb4 antibody. Tb4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Tb4 Antibody is added and binds to Tb4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Tb4antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human Tb4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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; Tbeta4
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/human-elisa-kits/thymosin-beta-4-tb4/44401>