

Bovine Thymosin beta-4 ELISA Kit | TMSB4 elisa kit

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CATALOG #
AAA56180

REACTIVITY
Bovine

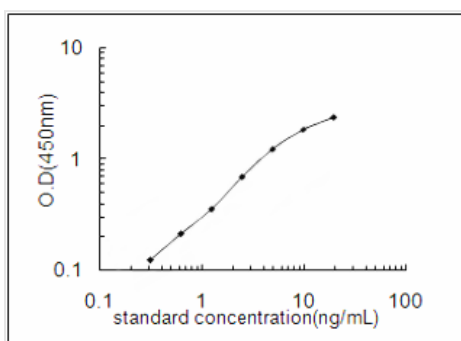
PRODUCT SYNONYMS

Thymosin beta-4; Bovine Thymosin beta-4 ELISA Kit; TMSB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine T beta-4. No significant cross-reactivity or interference was observed.
Sequence Length	44
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.31 ng/mL -20.0 ng/mL.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine T beta-4 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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 TMSB4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to T beta-4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for T beta-4 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain T beta-4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 #	164414726
NCBI GeneID	781334
NCBI Accession #	NP_001106702.1
NCBI GenBank Nucleotide #	NM_001113231.1
UniProt Accession #	P62326; P01253; P01254; Q56JV5; Q63576; A2VDY8
Molecular Weight	5,053 Da
NCBI Official Full Name	thymosin beta-4
NCBI Official Symbol	TMSB4
NCBI Official Synonym Symbols	TMSB4X
NCBI Protein Information	thymosin beta-4
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	TMSB4
UniProt Synonym Gene Names	THYB4; T beta-4
UniProt Entry Name	TYB4_BOVIN

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/tmsb4-bovine-ovine-elisa-kits/thymosin-beta-4/56180>