

Sheep Thymosin Beta 10 ELISA Kit | TMSbeta10 elisa kit

Sheep Thymosin Beta 10 ELISA Kit

CATALOG #
AAA91521

REACTIVITY
Sheep

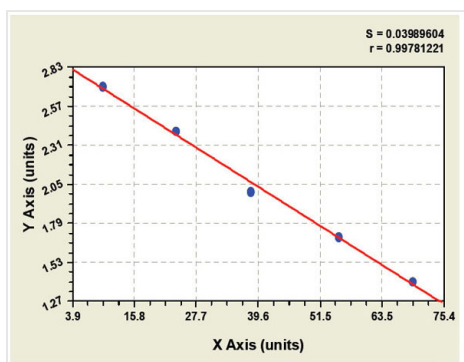
PRODUCT SYNONYMS

Thymosin Beta 10; Sheep Thymosin Beta 10 ELISA Kit; TMSbeta10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This TMSbeta10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep TMSbeta10. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSbeta10 elisa kit

Principle of the Assay: TMSbeta10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TMSbeta10 antibody and an TMSbeta10-HRP conjugate. The assay sample and buffer are incubated together with TMSbeta10-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TMSbeta10 concentration since TMSbeta10 from samples and TMSbeta10-HRP conjugate compete for the anti-TMSbeta10 antibody binding site. Since the number of sites is limited, as more sites are occupied by TMSbeta10 from the sample, fewer sites are left to bind TMSbeta10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMSbeta10 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TMSbeta10 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863895
NCBI GeneID	9168
NCBI Accession #	NP_066926.1
NCBI GenBank Nucleotide #	NM_021103.3
Molecular Weight	5,026 Da
NCBI Official Full Name	thymosin beta-10
NCBI Official Synonym Full Names	thymosin beta 10
NCBI Official Symbol	TMSB10
NCBI Official Synonym Symbols	TB10; MIG12
NCBI Protein Information	thymosin beta-10; migration-inducing gene 12; migration-inducing protein 12
UniProt Protein Name	Thymosin beta-10
UniProt Gene Name	TMSB10
UniProt Synonym Gene Names	PTMB10; THYB10
UniProt Entry Name	TYB10_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tmsbeta10-sheep-elisa-kits/thymosin-beta-10/91521>