

Rabbit Thymosin Beta 4 ELISA Kit | Tbeta4 elisa kit

Rabbit Thymosin Beta 4 ELISA Kit

CATALOG #
AAA85508

REACTIVITY
Rabbit

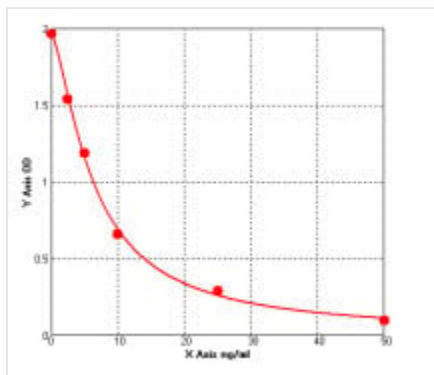
PRODUCT SYNONYMS

Thymosin Beta 4; Rabbit Thymosin Beta 4 ELISA Kit; Tbeta4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of TMbeta4. No significant cross-reactivity or interference between TMbeta4 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TMbeta4 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tbeta4 elisa kit	Principle of the Assay: TMbeta4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TMbeta4 antibody and an TMbeta4-HRP conjugate. The assay sample and buffer are incubated together with TMbeta4-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 TMbeta4 concentration since TMbeta4 from samples and TMbeta4-HRP conjugate compete for the anti-TMbeta4 antibody binding site. Since the number of sites is limited, as more sites are occupied by TMbeta4 from the sample, fewer sites are left to bind TMbeta4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMbeta4 concentration in each sample is interpolated from this standard curve. Intended Uses: This TMbeta4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit TMbeta4. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Tbeta4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11056061
NCBI GeneID	7114
NCBI Accession #	NP_066932.1
NCBI GenBank Nucleotide #	NM_021109.3
Molecular Weight	5,053 Da
NCBI Official Full Name	thymosin beta-4
NCBI Official Synonym Full Names	thymosin beta 4, X-linked
NCBI Official Symbol	TMSB4X
NCBI Official Synonym Symbols	FX; TB4X; PTMB4; TMSB4
NCBI Protein Information	thymosin beta-4; t beta-4; prothymosin beta-4; thymosin, beta 4, X chromosome
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	TMSB4X
UniProt Synonym Gene Names	TB4X; THYB4; TMSB4; T beta-4
UniProt Entry Name	TYB4_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/tbeta4-rabbit-elisa-kits/thymosin-beta-4/85508>