

Human Thymosin Beta 10 ELISA Kit | TMSbeta10 elisa kit

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CATALOG #
AAA100918

REACTIVITY
Human

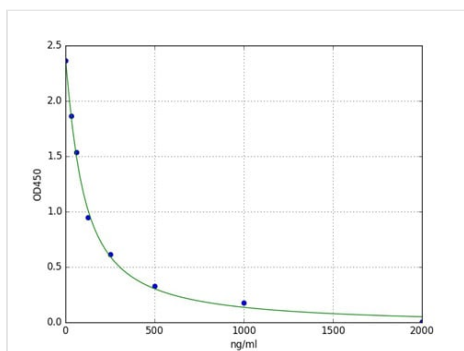
PRODUCT SYNONYMS

Thymosin Beta 10; Human Thymosin Beta 10 ELISA Kit; TMSb10 ; TMSbeta10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	44
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000ng/ml
Sensitivity	18.75ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human TMSβ 10 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	2.541	1.891	1.702	1.315	0.941	0.627	0.436	0.337

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSbeta10 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human TMSbeta10. During the reaction, Human TMSbeta10 in the sample or standard competes with a fixed amount of Human TMSbeta10 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human TMSbeta10. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) 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. The concentration of Human TMSbeta10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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
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.

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Online datasheet: <https://stage.aaabiotech.com/tmsbeta10-human-elisa-kits/thymosin-beta-10/100918>