

Rat Thymosin Beta 4 ELISA Kit | TMSbeta4 elisa kit

Rat Thymosin Beta 4 ELISA Kit

CATALOG #
AAA98669

REACTIVITY
Rat

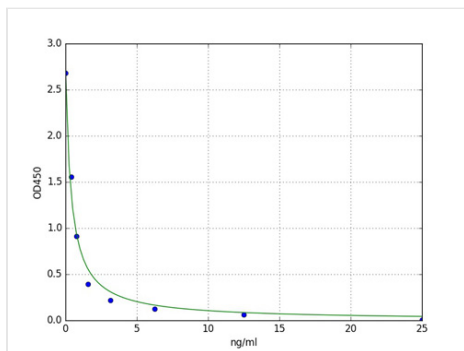
PRODUCT SYNONYMS

Thymosin Beta 4; Rat Thymosin Beta 4 ELISA Kit; TMSb4 ; TMSbeta4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	44
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat TMS β 4 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	0.39	0.78	1.56	3.13	6.25	12.5	25
Y	OD450	2.396	1.960	1.640	1.259	0.899	0.604	0.471	0.357

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSbeta4 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 Rat TMSbeta4. During the reaction,Rat TMSbeta4 in the sample or standard competes with a fixed amount of Rat TMSbeta4 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Rat TMSbeta4. 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 Rat TMSbeta4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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
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.

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Online datasheet: <https://stage.aaabiotech.com/tmsbeta4-rat-elisa-kits/thymosin-beta-4/98669>