

Human TMSB4 ELISA Kit | TMSB4 elisa kit

Human TMSB4 (Thymosin Beta 4) ELISA Kit

CATALOG #
AAA165128

REACTIVITY
Human

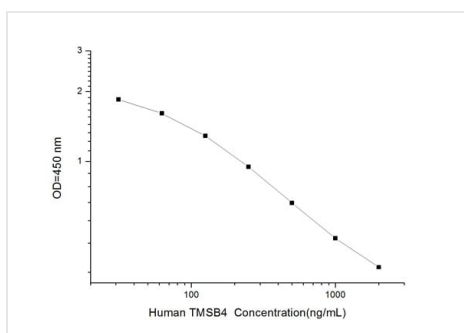
PRODUCT SYNONYMS

TMSB4; Human TMSB4 (Thymosin Beta 4) ELISA Kit; TMSB4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TMSB4. No significant cross-reactivity or interference between Human TMSB4 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TMSB4 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	44
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	31.25-2000ng/mL
Sensitivity	Min: 18.75ng/mL; Max: 2000ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSB4 elisa kit	Description: The kit is a competitive enzyme immunoassay for in vitro quantitative measurement of TMSB4 in human serum, plasma and other biological fluids 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 TMSB4. During the reaction, Human TMSB4 in the sample or standard competes with a fixed amount of Human TMSB4 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human TMSB4. Excess conjugate and unbound sample or standard are washed from the plate, 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. 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 Human TMSB4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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; prothymosin beta-4; t 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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tmsb4/165128>