

Human thymosin beta 4, X-linked ELISA Kit | TMSB4X elisa kit

Human Thymosin beta4 ELISA Kit

CATALOG #
AAA15525

REACTIVITY
Human

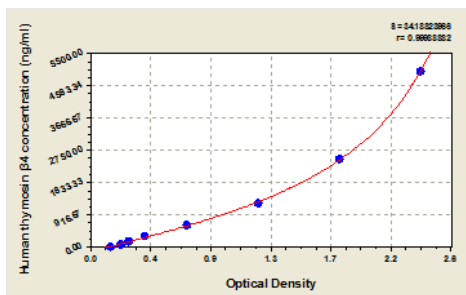
PRODUCT SYNONYMS

thymosin beta 4; X-linked; Human Thymosin beta4 ELISA Kit; FX; PTMB4; TB4X; TMSB4; OTTHUMP00000022925; OTTHUMP00000022927; OTTHUMP00000022928; prothymosin beta-4; thymosin beta-4; thymosin; beta 4; X chromosome; TMSB4X elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human thymosin beta4. No significant cross-reactivity or interference between human thymosin beta4 and analogues was observed.
Sequence Length	44
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	78 ng/ml-5000 ng/ml
Sensitivity	< 19.5 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMSB4X elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for thymosin beta4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any thymosin beta4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for thymosin beta4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of thymosin beta4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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
UniProt Accession #	P62328; P01253; P01254; Q546P5; Q63576; Q9UE55
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.