

Mouse Tb4 (Thymosin Beta 4) ELISA Kit | Tb4 elisa kit

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CATALOG #
AAA277546

REACTIVITY
Mouse

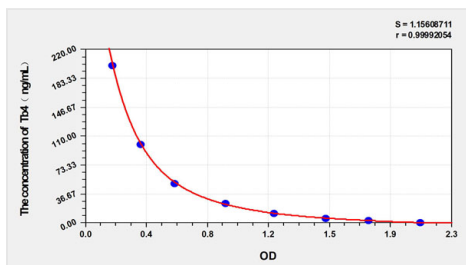
PRODUCT SYNONYMS

Tb4 (Thymosin Beta 4); Mouse Tb4 (Thymosin Beta 4) ELISA Kit; TMSB4X; FX; PTMB4; TB4X; TMSB4; Thymosin; Beta 4; X-Linked; TB-500; Seraspenide; Hematopoietic system regulatory peptide; Tb4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse Tb4. No significant cross-reactivity or interference between Mouse Tb4 and analogues was observed.
Assay Type	Competitive
Detection Range	2.95-200 ng/mL
Sensitivity	0.87 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tb4 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse Tb4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse Tb4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Mouse Tb4 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for Tb4 elisa kit

Metabolic pathway; Endocrinology; Bone metabolism

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/mouse-elisa-kits/tb4-thymosin-beta-4/277546>