

Human Thymosin beta-15A (TMSB15A) ELISA Kit

Catalog No: #EK6307



Package Size: #EK6307-1 48T #EK6307-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Human Thymosin beta-15A (TMSB15A) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	TMSB15; TMSL8; TMSNB; Tb15; TbNB; thymosin; beta; identified in neuroblastoma cells thymosin-like 8
Accession No.	P0CG34
Uniprot	P0CG35
GeneID	11013;286527;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TMSB15A in samples. An antibody specific for TMSB15A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTMSB15A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMSB15A is added to the wells. After washing, Streptavidin 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 TMSB15A bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**The use of the serum prostate-specific antigen (PSA) test permits early detection of human prostate cancer; however, early detection has not been accompanied by an improvement in determining which tumors may progress to the metastatic stage. The process of tumor metastasis is a multistage event involving local invasion and destruction of extracellular matrix; intravasation into blood vessels, lymphatics or other channels of transport; survival in the circulation; extravasation out of the vessels into the secondary site; and growth in the new location. Common to many components of the metastatic process is the requirement for tumor cell motility. A well-characterized series of cell lines that showed varying metastatic potential was developed from the Dunning rat prostate carcinoma. The molecule, named thymosin-beta-15 , was found to deregulate motility in prostate cells directly.

Note: This product is for in vitro research use only