

Human BMP And Activin Membrane Bound Inhibitor Homolog (BAMBI) ELISA Kit | BAMBI elisa kit

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CATALOG #
AAA66521

REACTIVITY
Human

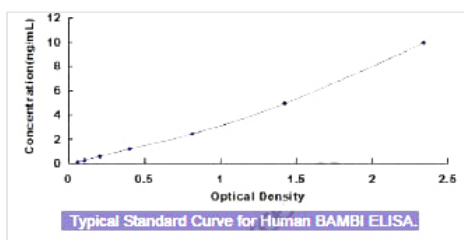
PRODUCT SYNONYMS

BMP And Activin Membrane Bound Inhibitor Homolog (BAMBI); Human BMP And Activin Membrane Bound Inhibitor Homolog (BAMBI) ELISA Kit; NMA; Non-metastatic gene A protein; Putative transmembrane protein NMA; BAMBI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BAMBI. No significant cross-reactivity or interference between BAMBI and analogues was observed.
Sequence Length	260
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BAMBI were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level BAMBI were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAMBI elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BAMBI in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to BAMBI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to BAMBI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain BAMBI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 10nm. The concentration of BAMBI 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 #	6912534
NCBI GeneID	25805
NCBI Accession #	NP_036474.1
NCBI GenBank Nucleotide #	NM_012342.2
UniProt Accession #	Q13145
Molecular Weight	29,108 Da
NCBI Official Full Name	BMP and activin membrane-bound inhibitor homolog
NCBI Official Synonym Full Names	BMP and activin membrane bound inhibitor
NCBI Official Symbol	BAMBI
NCBI Official Synonym Symbols	NMA
NCBI Protein Information	BMP and activin membrane-bound inhibitor homolog
UniProt Protein Name	BMP and activin membrane-bound inhibitor homolog
UniProt Gene Name	BAMBI
UniProt Synonym Gene Names	NMA

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.