

Human Bridging Integrator 2 (BIN2) ELISA Kit | BIN2 elisa kit

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CATALOG #
AAA139237

REACTIVITY
Human

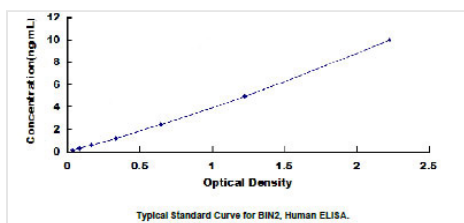
PRODUCT SYNONYMS

Bridging Integrator 2 (BIN2); Human Bridging Integrator 2 (BIN2) ELISA Kit; BRAP-1; Breast cancer-associated protein 1; BIN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of BHMT2. No significant cross-reactivity or interference between BHMT2 and analogues was observed.
Sequence Length	533
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level BHMT2 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 BHMT2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BIN2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of BHMT2 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to BHMT2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to BHMT2. 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 BHMT2, 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 BHMT2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for BIN2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	49472835
NCBI GeneID	51411
NCBI Accession #	NP_057377.2
NCBI GenBank Nucleotide #	NM_016293.2
UniProt Accession #	Q9UBW5; Q86VV0; Q9NWK4; Q9UKN4
Molecular Weight	58,030 Da
NCBI Official Full Name	bridging integrator 2
NCBI Official Synonym Full Names	bridging integrator 2
NCBI Official Symbol	BIN2
NCBI Official Synonym Symbols	BRAP-1
NCBI Protein Information	bridging integrator 2
UniProt Protein Name	Bridging integrator 2
UniProt Gene Name	BIN2
UniProt Synonym Gene Names	BRAP1
UniProt Entry Name	BIN2_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.