

Human Bridging Integrator 1 (BIN1) ELISA Kit | BIN1 elisa kit

Human Bridging Integrator 1 (BIN1) ELISA Kit

CATALOG #
AAA136436

REACTIVITY
Human

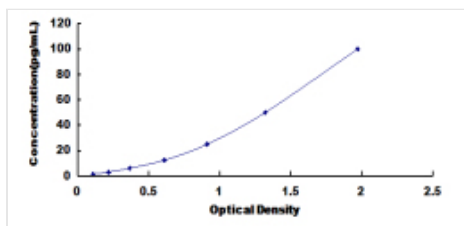
PRODUCT SYNONYMS

Bridging Integrator 1 (BIN1); Human Bridging Integrator 1 (BIN1) ELISA Kit; AMPH2; AMPHL; SH3P9; Amphiphysin II; Myc Box-Dependent-Interacting Protein 1; Amphiphysin-like protein; BIN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Bridging Integrator 1 (BIN1). No significant cross-reactivity or interference between Bridging Integrator 1 (BIN1) and analogues was observed.
Sequence Length	439
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Bridging Integrator 1 (BIN1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Bridging Integrator 1 (BIN1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 BIN1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Bridging Integrator 1 (BIN1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Bridging Integrator 1 (BIN1). 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 Bridging Integrator 1 (BIN1), 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 Bridging Integrator 1 (BIN1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for BIN1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	13278633
NCBI GeneID	274
UniProt Accession #	O00499; O00297; O00545; O43867; O60552; O60553; O60554; O60555; O75514; O75515; O75516; O75517
Molecular Weight	54,948 Da
NCBI Official Full Name	Bridging integrator 1
NCBI Official Synonym Full Names	bridging integrator 1
NCBI Official Symbol	BIN1
NCBI Official Synonym Symbols	AMPH2; AMPHL; SH3P9
NCBI Protein Information	myc box-dependent-interacting protein 1
UniProt Protein Name	Myc box-dependent-interacting protein 1
UniProt Gene Name	BIN1
UniProt Synonym Gene Names	AMPHL
UniProt Entry Name	BIN1_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.