

Human Abl Interactor 1 (ABI1) ELISA Kit | ABI1 elisa kit

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CATALOG #
AAA187579

REACTIVITY
Human

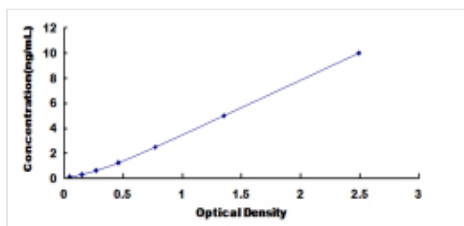
PRODUCT SYNONYMS

Abl Interactor 1 (ABI1); Human Abl Interactor 1 (ABI1) ELISA Kit; ABI-1; E3B1; NAP1BP; SSH3BP1; Spectrin SH3 Domain Binding Protein 1; Abelson interactor 1; Abl-binding protein 4; Nap1-binding protein; Eps8 SH3 domain-binding protein; ABI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Abl Interactor 1 (ABI1). No significant cross-reactivity or interference between Abl Interactor 1 (ABI1) and analogues was observed.
Sequence Length	388
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma 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 Abl Interactor 1 (ABI1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Abl Interactor 1 (ABI1) 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 ABI1 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 Abl Interactor 1 (ABI1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Abl Interactor 1 (ABI1). 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 Abl Interactor 1 (ABI1), 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 Abl Interactor 1 (ABI1) 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 #	116089341
NCBI GeneID	11308
NCBI Accession #	NP_001070658.1
NCBI GenBank Nucleotide #	NM_001077190.3
UniProt Accession #	Q8CBW3; Q3U8V0; Q60747; Q91ZM5; Q923I9; Q99KH4
Molecular Weight	42,548 Da
NCBI Official Full Name	abl interactor 1 isoform 1
NCBI Official Synonym Full Names	abl-interactor 1
NCBI Official Symbol	Abi1
NCBI Official Synonym Symbols	E3B1; NAP1; abi-1; Ssh3bp1
NCBI Protein Information	abl interactor 1
UniProt Protein Name	Abl interactor 1
UniProt Gene Name	Abi1
UniProt Synonym Gene Names	Abi-1; Eps8-binding protein

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.