

Human Disabled Homolog 1 (DAB1) ELISA Kit | DAB1 elisa kit

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CATALOG #
AAA68542

REACTIVITY
Human

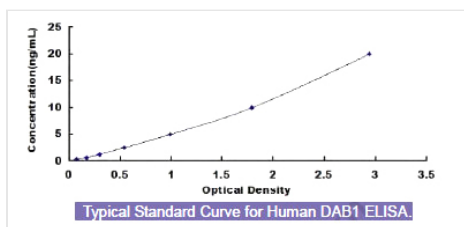
PRODUCT SYNONYMS

Disabled Homolog 1 (DAB1); Human Disabled Homolog 1 (DAB1) ELISA Kit; DAB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DAB1. No significant cross-reactivity or interference between DAB1 and analogues was observed.
Sequence Length	555
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.139ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DAB1 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 DAB1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAB1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DAB1 in human tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DAB1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DAB1. 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 DAB1, 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 DAB1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33350928
NCBI GeneID	1600
NCBI Accession #	NP_066566.3
NCBI GenBank Nucleotide #	NM_021080.4
UniProt Accession #	O75553; Q4LE59; Q5T6M6; Q5T6M9; Q5T835; Q5T836; Q5T837; Q6NWS9; Q6NWT0; Q6NWT1; A4FU90; B3KTG3
Molecular Weight	59,950 Da
NCBI Official Full Name	disabled homolog 1 isoform 1
NCBI Official Synonym Full Names	DAB1, reelin adaptor protein
NCBI Official Symbol	DAB1
NCBI Official Synonym Symbols	SCA37
NCBI Protein Information	disabled homolog 1
UniProt Protein Name	Disabled homolog 1
UniProt Gene Name	DAB1

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/disabled-homolog-1-dab1/68542>