

Human Drebrin 1 (DBN1) ELISA Kit | DBN1 elisa kit

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CATALOG #
AAA66572

REACTIVITY
Human

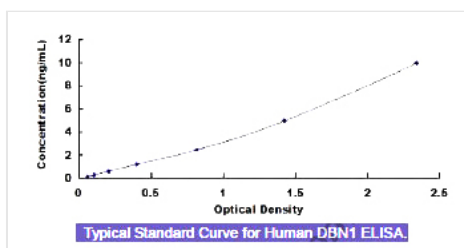
PRODUCT SYNONYMS

Drebrin 1 (DBN1); Human Drebrin 1 (DBN1) ELISA Kit; Developmentally-regulated brain protein; DBN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DBN1. No significant cross-reactivity or interference between DBN1 and analogues was observed.
Sequence Length	649
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.047ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DBN1 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 DBN1 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 DBN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DBN1 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DBN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DBN1. 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 DBN1, 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 DBN1 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 #	18426915
NCBI GeneID	1627
NCBI Accession #	NP_004386.2
NCBI GenBank Nucleotide #	NM_004395.3
UniProt Accession #	Q16643; Q9UFZ5; A8MV58; B2RBG0
Molecular Weight	76,300 Da
NCBI Official Full Name	drebrin isoform a
NCBI Official Synonym Full Names	drebrin 1
NCBI Official Symbol	DBN1
NCBI Official Synonym Symbols	D0S117E
NCBI Protein Information	drebrin
UniProt Protein Name	Drebrin
UniProt Gene Name	DBN1
UniProt Synonym Gene Names	D0S117E

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.