

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

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CATALOG #
AAA68397

REACTIVITY
Mouse

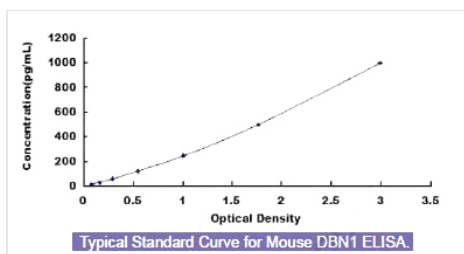
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	706
Samples	Tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	<6.3pg/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%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DBN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DBN1 in mouse 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 #	293651556
NCBI GeneID	56320
NCBI Accession #	NP_001170842.1
NCBI GenBank Nucleotide #	NM_001177371.1
UniProt Accession #	Q9QXS6; Q3V234; Q922X1; Q9QXS5; A2CG16
Molecular Weight	72,416 Da
NCBI Official Full Name	drebrin isoform 1
NCBI Official Synonym Full Names	drebrin 1
NCBI Official Symbol	Dbn1
NCBI Protein Information	drebrin
UniProt Protein Name	Drebrin
UniProt Gene Name	Dbn1
UniProt Synonym Gene Names	Drba

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.