

Mouse Death Associated Protein Kinase 3 (DA PK3) ELISA Kit | DAPK3 elisa kit

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CATALOG #
AAA63675

REACTIVITY
Mouse

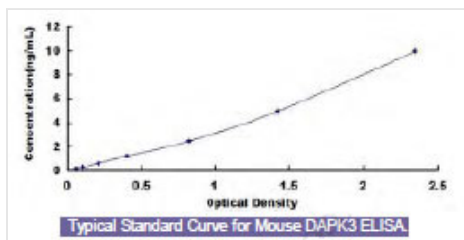
PRODUCT SYNONYMS

Death Associated Protein Kinase 3 (DA PK3); Mouse Death Associated Protein Kinase 3 (DA PK3) ELISA Kit; ZIP; ZIPK; Dlk; DAP-like kinase; MYPT1 kinase; Zipper-interacting protein kinase; DAPK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DAPK3. No significant cross-reactivity or interference between DAPK3 and analogues was observed.
Sequence Length	448
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DAPK3 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 DAPK3 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 DAPK3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DAPK3 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 DAPK3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DAPK3. 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 DAPK3, 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 DAPK3 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 #	299758494
NCBI GeneID	13144
NCBI Accession #	NP_001177402.1
NCBI GenBank Nucleotide #	NM_001190473.1
UniProt Accession #	O54784
Molecular Weight	51,422 Da
NCBI Official Full Name	death-associated protein kinase 3 isoform b
NCBI Official Synonym Full Names	death-associated protein kinase 3
NCBI Official Symbol	Dapk3
NCBI Official Synonym Symbols	dlk; ZIPK
NCBI Protein Information	death-associated protein kinase 3
UniProt Protein Name	Death-associated protein kinase 3
UniProt Gene Name	Dapk3
UniProt Synonym Gene Names	Zipk; DAP kinase 3; Dlk

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/death-associated-protein-kinase-3-dapk3/63675>