

Human Death Associated Protein Kinase 2 (DA PK2) ELISA Kit | DAPK2 elisa kit

Human Death Associated Protein Kinase 2 (DAPK2)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152495

REACTIVITY
Human

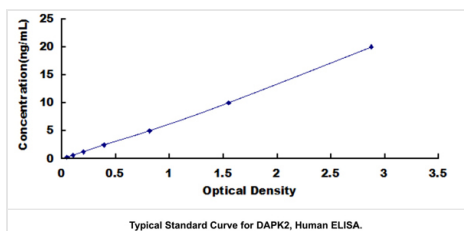
PRODUCT SYNONYMS

Death Associated Protein Kinase 2 (DAPK2); Human Death Associated Protein Kinase 2 (DAPK2)(Sandwich ELISA) ELISA Kit; ELISA Kit for Death Associated Protein Kinase 2 (DAPK2); DRP-1; DAP-kinase-related protein 1; DAPK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DAPK2. No significant cross-reactivity or interference between DAPK2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.125ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DAPK2 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 DAPK2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year 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 DAPK2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to DAPK2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to DAPK2. 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 DAPK2, 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 DAPK2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DAPK2 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14670383
NCBI GeneID	23604
NCBI Accession #	NP_055141.2
NCBI GenBank Nucleotide #	NM_014326.3
UniProt Accession #	Q9UIK4; O75892; Q24JS1
Molecular Weight	42,898 Da
NCBI Official Full Name	death-associated protein kinase 2
NCBI Official Synonym Full Names	death-associated protein kinase 2
NCBI Official Symbol	DAPK2
NCBI Official Synonym Symbols	DRP1; DRP-1
NCBI Protein Information	death-associated protein kinase 2; DAP kinase 2; DAP-kinase-related protein 1 beta isoform
UniProt Protein Name	Death-associated protein kinase 2
UniProt Gene Name	DAPK2
UniProt Synonym Gene Names	DAP kinase 2; DRP-1
UniProt Entry Name	DAPK2_HUMAN

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/death-associated-protein-kinase-2-dapk2/152495>