

Human Death Associated Protein Kinase 1 (DA PK1) ELISA Kit | DAPK1 elisa kit

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CATALOG #
AAA13942

REACTIVITY
Human

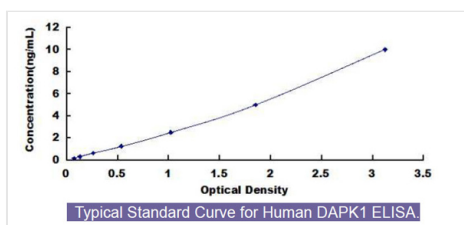
PRODUCT SYNONYMS

Death Associated Protein Kinase 1 (DAPK1); Human Death Associated Protein Kinase 1 (DAPK1) ELISA Kit; DAPK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DAPK1. No significant cross-reactivity or interference between DAPK1 and analogues was observed.
Sequence Length	1430
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DAPK1 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 DAPK1 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 DAPK1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DAPK1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DAPK1. 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 DAPK1, 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 DAPK1 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 the in vitro quantitative measurement of DAPK1 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	570359575
NCBI GeneID	1612
NCBI Accession #	NP_001275658.1
NCBI GenBank Nucleotide #	NM_001288729.1
UniProt Accession #	P53355; Q14CQ7; Q1W5W0; Q68CP8; Q6ZRZ3; Q9BTL8; B7ZLD2; B7ZLE7
Molecular Weight	152,467 Da
NCBI Official Full Name	death-associated protein kinase 1
NCBI Official Synonym Full Names	death associated protein kinase 1
NCBI Official Symbol	DAPK1
NCBI Official Synonym Symbols	DAPK
NCBI Protein Information	death-associated protein kinase 1
UniProt Protein Name	Death-associated protein kinase 1
UniProt Gene Name	DAPK1
UniProt Synonym Gene Names	DAPK; DAP kinase 1

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-1-dapk1/13942>