

General NAD Kinase Assay Kit | nadK assay kit

NAD Kinase Microplate Assay Kit

CATALOG # AAA261560	REACTIVITY General	APPLICATIONS Functional Assay
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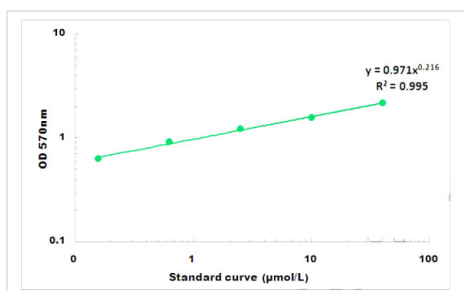
PRODUCT SYNONYMS

NAD Kinase; NAD Kinase Microplate Assay Kit; EC 2.7.1.23; NAD(+) kinase; DPN kinase; nadK assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	292
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.1 umol/L - 50 umol/L
Applicable Applications for nadK assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for nadK assay kit	Background: NAD kinase catalyzes the transfer of a phosphate group from ATP to NAD ⁺ to generate NADP ⁺ , which in its reduced form acts as an electron donor for biosynthetic reactions. NADP ⁺ is an essential coenzyme in metabolism and provides reducing power to biosynthetic processes such as fatty acid biosynthesis. The assay is initiated with the enzymatic hydrolysis of the NAD ⁺ by NADK. The enzyme catalysed reaction products can be measured at a colorimetric readout at 600 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67470903
NCBI GeneID	947092
Molecular Weight	32,566 Da
NCBI Official Full Name	NAD kinase
NCBI Official Symbol	nadK

NCBI Official Synonym Symbols	ECK2611; JW2596; yfjB; yfjE
NCBI Protein Information	NAD kinase
UniProt Protein Name	NAD kinase
UniProt Gene Name	nadK
UniProt Entry Name	NADK_ECOLI

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/general-assay-kits/nad-kinase/261560>