

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Assay Kit | GAPDH assay kit

Micro Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Activity Assay Kit

CATALOG #
AAA332652

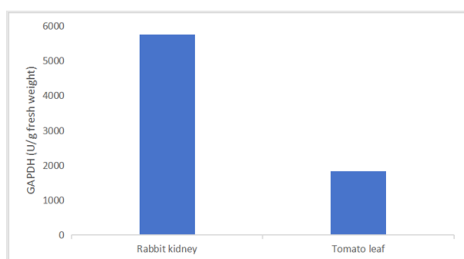
PRODUCT SYNONYMS

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH); Micro Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Activity Assay Kit; GAPDH; GAPDH assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells or Bacteria, Culture Solution or other Liquid samples
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Standard
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at -20 degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for GAPDH assay kit

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)(EC1.2.1.12) Glyceraldehyde-3-phosphoric acid catalyzed oxidation produce 1,3-diphosphate glyceric acid, is the key enzyme of glycolytic pathway, It is closely related to gluconeogenesis pathway, maintenance of blood glucose concentration in the body and the occurrence of diabetes, and plays an important role in the disorders of sugar, lipid and protein metabolism. Micro Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Activity Assay Kit can detect animal and plant tissues, cells or bacteria, culture solution or other liquid samples. In this kit, 3-phosphoglycerate kinase catalyzes the formation of 1,3-diphosphoglycerate from triphosphoglycerate and ATP. GAPDH reversely catalyzes 1,3 diphosphoglyceric acid and NADH to produce glyceraldehyde 3-phosphate, inorganic phosphorus and NAD⁺. The decrease of NADH measured at 340 nm can reflect the level of GAPDH activity.

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/assay-kits/glyceraldehyde-3-phosphate-dehydrogenase-gapdh/332652>