

Glycerol Kinase (GK) Assay Kit | GK assay kit

Glycerol Kinase (GK) Activity Colorimetric Assay Kit

CATALOG #
AAA179690

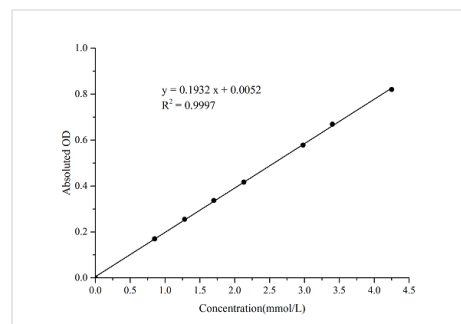
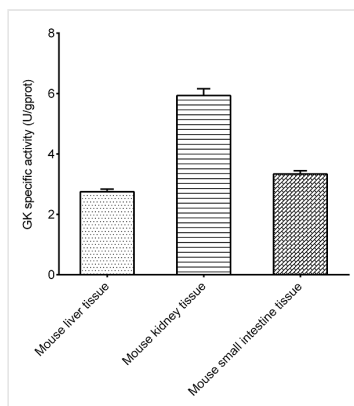
PRODUCT SYNONYMS

Glycerol Kinase (GK); Glycerol Kinase (GK) Activity Colorimetric Assay Kit; GK assay kit

PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme Activity
Samples	animal tissue
Detection Range	9.28–170.00U/L
Sensitivity	9.28U/L
Precision	Intra-assay CV: 3.0-3.6% Inter-assay CV: 6.5-8.0%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for GK assay kit

Glycerol kinase (GK) is a rate-limiting enzyme in glycerol metabolism, and the lack of this enzyme directly results in the inability of cells to utilize glycerol. This kit produces hydrogen peroxide under the action of glycerophosphate oxidase. The reaction between hydrogen peroxide and the chromogenic agent has the maximum absorption peak at 555nm. The enzyme activity of GK can be determined by measuring the increase rate at 555nm.

Product Categories/Family for GK assay kit

Metabolism assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism

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/glycerol-kinase-gk/179690>