

Glycerol Assay Kit

Micro Glycerol

CATALOG #
AAA332724

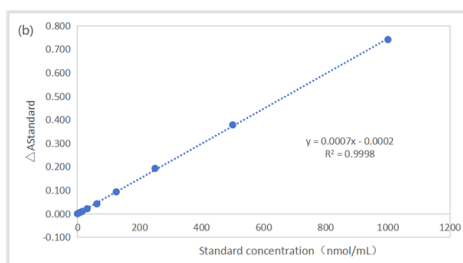
PRODUCT SYNONYMS

Glycerol; Micro Glycerol; Glycerol assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells, Plasma, Serum or other Liquid samples
Kit Components	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 4 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 Glycerol assay kit	Glycerol is an intermediate product of triglyceride metabolism in animal and plant tissues and blood. Glycerol is hydrolyzed to produce glycerol, and then further oxidized to provide energy for cell metabolism. Therefore, glycerol content is a reliable indicator for the hydrolysis reaction of triglyceride, which is more convenient for detection. Micro Glycerol Content Assay Kit can be used to detect biological samples such as animal and plant tissues, cells, plasma, serum or other liquid samples. In the kit, glycerol is phosphorylated to glycerol 3-phosphate by glycerol kinase in the presence of ATP, and then oxidized by glycerol phosphate oxidase to produce hydrogen peroxide. Under the action of catalase, the color substrate is converted to benzoquinimide, and there is an absorption peak at 505 nm. The content of glycerol can be calculated by measuring the absorbance of this wavelength.
Product Categories/Family for Glycerol assay kit	Cell analysis ; Cell metabolism detection kit

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/332724>