

UDP-Glucose Pyrophosphosphrylase (UGP) Assay Kit | UGP assay kit

Micro UDP-Glucose Pyrophosphosphrylase (UGP) Activity Assay Kit

CATALOG #
AAA332672

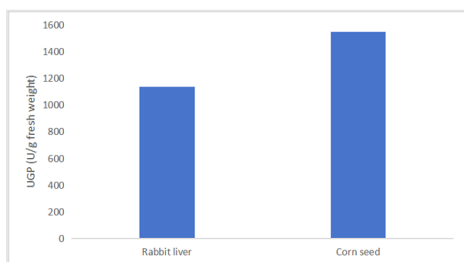
PRODUCT SYNONYMS

UDP-Glucose Pyrophosphosphrylase (UGP); Micro UDP-Glucose Pyrophosphosphrylase (UGP) Activity Assay Kit; UGP assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant tissues, Cells, Plasma, Serum or other Liquid samples
Kit Components	Extraction Buffer Reagent IA Reagent IB Reagent II Reagent III Reagent IV Reagent V
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 UGP assay kit

UDP-glucose pyrophosphorylase (UGP, EC2.7.7.9) is widely distributed in nature. It catalyzes the activation of glucose before glycogen synthesis. UDP-glucose (UDPG) is synthesized from glucose-1-phosphate and UTP. UDPG is the main active enzyme form in higher plants and animals. As a glucose-based donor, it participates in the synthesis and metabolism of glycogen, sucrose, cellulose, etc. Micro UDP-Glucose Pyrophosphosphrylase (UGP) Activity Assay Kit can detect animal and plant tissues, cells, plasma, serum or other liquid samples. In this kit, UGP can catalyze the reversible formation of glucose-1-phosphate. NADP was transformed into NADPH by phosphoglucose mutase and 6-phosphoglucose dehydrogenase. UGP activity can be reflected by the change of 340 nm absorption value.

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/udp-glucose-pyrophosphosphprylase-ugp/332672>