

ADP-Glucose Pyrophosphorylase (AGP) Assay Kit | AGP assay kit

Micro ADP-Glucose Pyrophosphorylase (AGP) Activity Assay Kit

CATALOG #
AAA332673

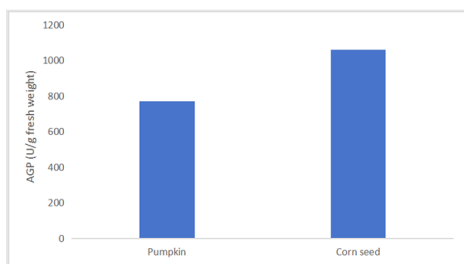
PRODUCT SYNONYMS

ADP-Glucose Pyrophosphorylase (AGP); Micro ADP-Glucose Pyrophosphorylase (AGP) Activity Assay Kit; AGP assay kit

PRODUCT SPECIFICATIONS

Samples	Plant tissues
Kit Components	Extraction Buffer Reagent I Reagent IIA Reagent IIB 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 AGP assay kit	ADP-glucose pyrophosphorylase (AGP, EC2.7.7.21) mainly exists in plants, glucose-1-phosphoric acid catalytic reaction with ATP generation of starch synthesis precursor ADPG directly, is the main limiting step of plant starch biosynthesis. Micro ADP-Glucose Pyrophosphorylase (AGP) Activity Assay Kit can detect plant tissues. In this kit, the reverse reaction catalyzed by AGP generates G1P, and the hexose phosphate mutase and glucose 6-phosphate dehydrogenase added to the reaction system catalyze 6-phosphogluconic acid and NADPH in turn. The AGP activity can be calculated by measuring the increase rate of NADPH at 340 nm.
Product Categories/Family for AGP 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/adp-glucose-pyrophosphorylase-agp/332673>