

Micro Plant Nitrate Nitrogen Assay Kit

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CATALOG #
AAA332627

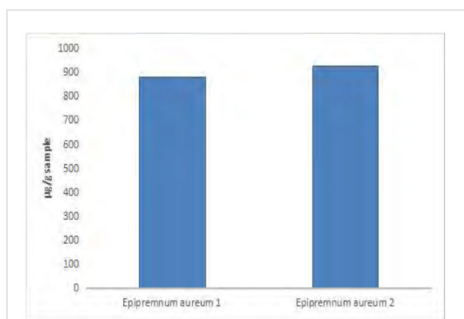
PRODUCT SYNONYMS

Micro Plant Nitrate Nitrogen; Micro Plant Nitrate Nitrogen Assay Kit; Nitrate Nitrogen; Micro Plant Nitrate Nitrogen assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissue
Usage Note	Prepare Reagent before use, and should be used as soon as possible. Reagent and Reagent possess corrosion properties, proper protective measures were needed. •Activated carbon was required for dark plant.
Preparation and Storage	Storage at 4 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Micro Plant Nitrate Nitrogen assay kit	Principle of the Assay: Nitrate nitrogen ($\text{NO}_3\text{--N}$) is the main nitrogen source for plants, and the nitrate nitrogen content in plants reflects the supply of nitrate nitrogen in the soil, which can be used as an indicator of soil nitrogen fertilizer. Under concentrated acid conditions, $\text{NO}_3\text{--N}$ reacts with salicylic acid to produce nitrosalicylic acid. Under alkaline conditions ($\text{pH} > 12$), nitrosalicylic acid turns yellow, and absorbance changes reflect the concentration of $\text{NO}_3\text{--N}$ within a certain range, Thus the nitrate nitrogen content can be calculated by colorimetric measurement.
Product Categories/Family for Micro Plant Nitrate Nitrogen assay kit	Cytology; Cell Metabolism; Biochemical Assay 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://www.aaabiotech.com/assay-kits/micro-plant-nitrate-nitrogen/332627>