

Plant Root Vitality Assay Kit

Micro Plant Root Vitality (TTC-Method) Assay Kit

CATALOG #
AAA332704

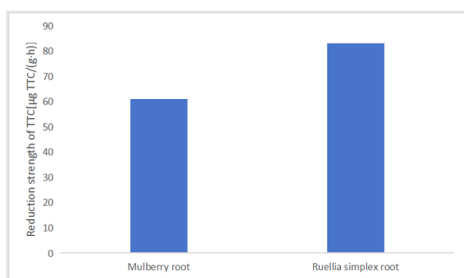
PRODUCT SYNONYMS

Plant Root Vitality; Micro Plant Root Vitality (TTC-Method) Assay Kit; Plant Root Vitality assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Root Tissues
Kit Components	Reagent?A Reagent?B 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 Plant Root Vitality assay kit	The activity of plant dehydrogenase (PDHA) is largely reflects the active state of the organism, which can directly indicate the ability of biological cells to degrade its matrix. Micro Plant Root Vitality (TTC-Method) Assay Kit can be used to detect biological samples such as plant tissues. In this kit, The hydrogen acceptor 2,3,5-triphenyl tetrazolium chloride (TTC) generates red triphenyl formazone (TFF) after receiving hydrogen during cell respiration. TFF has a characteristic absorption peak at 485 nm, the PDHA activity can quantified by measuring the absorbance at 485 nm.
Product Categories/Family for Plant Root Vitality 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/plant-root-vitality/332704>