

NAD Malic Enzyme (NAD-ME) Assay Kit | NAD-ME assay kit

Micro NAD Malic Enzyme (NAD-ME) Activity Assay Kit

CATALOG #
AAA332703

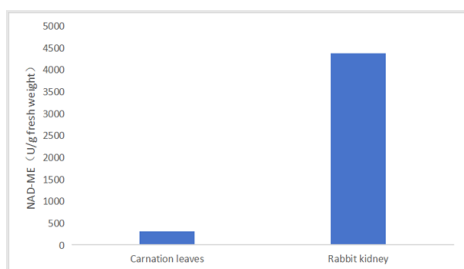
PRODUCT SYNONYMS

NAD Malic Enzyme (NAD-ME); Micro NAD Malic Enzyme (NAD-ME) Activity Assay Kit; NAD-ME assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells or Bacteria, Plasma, Serum or other Liquid samples
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III
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 NAD-ME assay kit	Malic enzyme (ME) is widely present in the cytoplasm of microorganisms, cultured cells, animals, and plants, especially with high activity in plant tissues. ME catalyzes the reversible oxidation decarboxylation of malic acid, producing pyruvate and CO ₂ , as well as the reduction reaction accompanied by NAD(P) ⁺ , which is a key enzyme in malic acid metabolism. ME activity is closely related to biosynthesis and antioxidant activity. Based on the specificity of coenzyme and substrate, ME can be divided into NAD-ME (EC1.1.1.38) and NADP-ME (EC1.1.1.40). NAD-ME can catalyze the reduction of NAD ⁺ to NADH, and the rate of NADH increase at 340 nm can reflect its activity.
Product Categories/Family for NAD-ME 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/nad-malic-enzyme-nad-me/332703>