

Proline Dehydrogenase (ProDH) Assay Kit | ProDH assay kit

Micro Proline Dehydrogenase (ProDH) Activity Assay Kit

CATALOG #
AAA332678

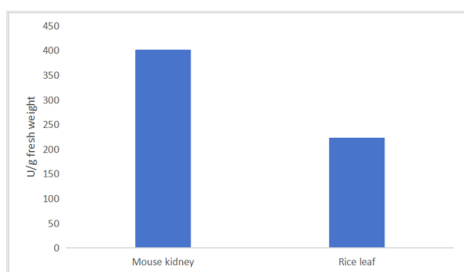
PRODUCT SYNONYMS

Proline Dehydrogenase (ProDH); Micro Proline Dehydrogenase (ProDH) Activity Assay Kit; ProDH assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and plant tissues, bacteria and cells
Kit Components	Reagent I 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 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 ProDH assay kit

Proline dehydrogenase (ProDH) is a key enzyme that catalyzes the degradation of proline in mitochondria. Reducing the activity of ProDH is of great significance for regulating osmotic balance, preventing plant damage caused by osmotic stress, scavenging free radicals and protecting cell structure. TM Micro Proline Dehydrogenase (ProDH) Activity Assay Kit can be used to detect biological samples such as animal and plant tissues, cells or bacteria other liquid samples. In this kit, ProDH catalyzed the dehydrogenation of proline to pyruvic acid, and the removed hydrogen was transferred to reduce 2-dichlorophenol indophenol (DCPIP) by phenazine dimethyl ester sulfuric acid (PMS), and there was a characteristic absorption peak at 600 nm. Through the decrease of 600 nm absorbance, the reduction rate of 2-dichlorophenol indophenol (ProDH) was measured, which represented the activity of DCPIP.

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/proline-dehydrogenase-prodh/332678>