

Proline Dehydrogenase (ProDH) Assay Kit | ProDH assay kit

Proline Dehydrogenase (ProDH) Activity Assay Kit

CATALOG #
AAA179662

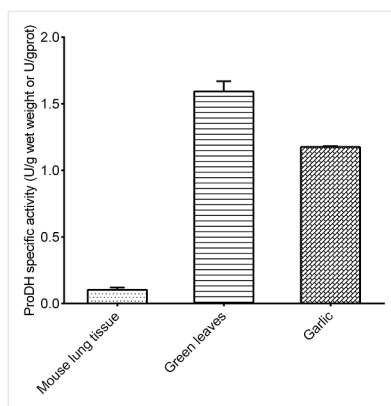
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Assay Type	Enzyme Activity
Samples	tissue
Detection Range	0.04-1.10 U/L
Sensitivity	0.04 U/L
Detection Type	Colorimetric method
Detection Instrument	Microplate reader
Precision	Inter CV: 8.9-10.0% Intra CV: 3.0-3.9%
Research Area	Plant Physiology Series
Test Principle	The hydrogen produced by proline during the catalytic process of ProDH can reduce the chromogenic agent through electron acceptor, and lighten the color. The ProDH activity can be characterized by measuring the rate of absorbance decrease at 600 nm.
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for ProDH assay kit

Cell Metabolism Assays; Plant Physiology Series

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/179662>