

L-Galactono-1,4-Lactone Dehydrogenase (Gal LDH) Assay Kit | GalLDH assay kit

Micro L-Galactono-1,4-Lactone Dehydrogenase (Gal LDH) Activity Assay Kit

CATALOG #
AAA332664

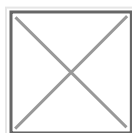
PRODUCT SYNONYMS

L-Galactono-1; 4-Lactone Dehydrogenase (Gal LDH); Micro L-Galactono-1; 4-Lactone Dehydrogenase (Gal LDH) Activity Assay Kit; Gal LDH; GalLDH assay kit

PRODUCT SPECIFICATIONS

Samples	Plant tissues
Kit Components	Extraction Buffer Reagent I Reagent II
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 GalLDH assay kit	L-galactose pathway is the main pathway of plant ascorbic acid (AsA) synthesis. L-galactose glucoside-1,4-lactone dehydrogenase (L-Galactono-1,4-Lactone Dehydrogenase, Gal LDH) is located in the mitochondrial membrane, responsible for the final step of the catalytic AsA biosynthesis in plants, is one of the key enzymes of the way. It plays a crucial role in the accumulation of AsA content in plants. Micro L-Galactono-1,4-Lactone Dehydrogenase (Gal LDH) Activity Assay Kit can detect plant tissues. In this kit, Gal LDH catalyzes L-galactolactone reduction and oxidation of cytochrome C (Cyt c), and the reduced Cyt c had an absorption peak at 550 nm. Gal LDH activity was calculated by measuring the rate of increase of reduced Cyt c.
Product Categories/Family for GalLDH 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/galldh-assay-kits/l-galactono-14-lactone-dehydrogenase-gal-ldh/332664>