

General L-galactono-1,4-lactone Dehydrogenase Assay Kit | gldh assay kit

L-galactono-1,4-lactone Dehydrogenase Microplate Assay Kit

CATALOG # AAA261573	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

L-galactono-1; 4-lactone Dehydrogenase; 4-lactone Dehydrogenase Microplate Assay Kit; EC 1.3.2.3; GLDH; L-galactonolactone dehydrogenase; Galactonolactone dehydrogenase; GLDase; GLDHase; L-galactono-gamma-lactone dehydrogenase; gldh assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	588
Applicable Applications for gldh assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for gldh assay kit	Background/Introduction: Lactate dehydrogenase A, also known as LDHA, is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. It is encoded by the LDHA gene which contains 7 exons and spans about 12 kb [1]. It catalyzes the conversion of L-lactate and NAD ⁺ to pyruvate and NADH in the final step of anaerobic glycolysis. [2] Mutations in LDHA have been linked to exertional myoglobinuria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	936975817
NCBI GeneID	544206
NCBI Accession #	NP_001234603.2
NCBI GenBank Nucleotide #	NM_001247674.3
NCBI Official Full Name	L-galactono-1,4-lactone dehydrogenase
NCBI Official Symbol	gldh
NCBI Protein Information	L-galactono-1,4-lactone dehydrogenase

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/general-assay-kits/l-galactono-14-lactone-dehydrogenase/261573>