

# Product Datasheet

## Lactate Dehydrogenase Assay Kit (Colorimetric) KA0878

Unit Size: 1 Kit

Store at -20C.

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**KA0878****Lactate Dehydrogenase Assay Kit (Colorimetric)****Product Information**

<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at -20C.

**Product Description**

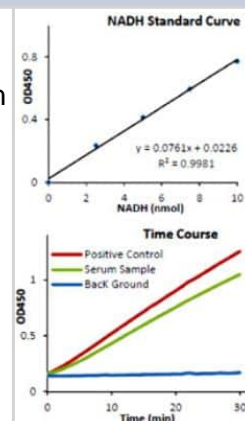
<b>Description</b>	Quality control test: Standard curve Lactate Dehydrogenase Assay Kit is used for quantifying LDH activity.
<b>Gene ID</b>	3945
<b>Gene Symbol</b>	LDHB
<b>Species</b>	Mouse, Mammal
<b>Kit Components</b>	LDH Assay Buffer, LDH Substrate Mix (lyophilized), NADH Standard (0.5 $\mu$ mol; lyophilized), LDH Positive Control (lyophilized)
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	1 to 100 mU/mL
<b>Sensitivity</b>	40 uM
<b>Assay Type</b>	Colorimetric
<b>Suitable Sample Type</b>	Cells, Culture Media, Fermentation, Plasma, Serum, etc
<b>Sample Volume</b>	2-50 uL

**Product Application Details**

<b>Applications</b>	Functional
<b>Recommended Dilutions</b>	Functional

**Images**

Lactate Dehydrogenase Assay Kit (Colorimetric) [KA0878] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Publications**

Zhang JY, Kong LH, Lai D et al. Glutamate protects against Ca<sup>2+</sup> paradox-induced injury and inhibits calpain activity in isolated rat hearts. Clin Exp Pharmacol Physiol 2016-06-09 [PMID: 27279457]

Song J, Li N, Xia Y et al. Arctigenin Treatment Protects against Brain Damage through an Anti-Inflammatory and Anti-Apoptotic Mechanism after Needle Insertion. Frontiers in Pharmacology 2016-06-22 [PMID: 27445818] (ELISA, Rat)



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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