



Lactate Dehydrogenase Activity Assay kit

LDH (EC 1.1.1.27) is widely present in animals, plants, microorganisms and cultured cells. It is the terminal enzyme of the glycolysis pathway and catalyzes the reversible reaction between pyruvate and lactic acid, accompanied by NAD⁺/NADH Mutual change.

LDH catalyzes NAD + oxidized lactic acid to generate pyruvic acid. Pyruvic acid further reacts with 2,4-dinitrophenylhydrazine to generate pyruvate dinitrophenylhydrazone, which is brownish-red in alkaline solution, the color depth and the concentration of pyruvic acid Directly proportional.

Catalog No.	250068
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs