CREATIVE BIOMART®
Assay Kit

Lactic Acid (LA) Content Assay Kit

Product Information

Product Overview

Lactate is a key metabolic intermediate closely associated with carbohydrate, lipid, protein, and energy metabolism. Lactate levels are important indicators of glycolytic and aerobic metabolic status.
Lactate is converted to pyruvate by lactate dehydrogenase, reducing NAD⁺ to NADH. Electrons are transferred via PMS to reduce MTT to a purple formazan product with absorbance at 570 nm.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

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