



D-Lactic acid Content Assay kit

Lactic acid is an important intermediate product in the process of biological metabolism, which is closely related to glucose metabolism, lipid metabolism, protein metabolism and intracellular energy metabolism. Lactic acid content is an important index to evaluate glycogen metabolism and aerobic metabolism. Under the action of D-lactate dehydrogenase, pyruvate is generated from D-lactic acid, and NAD⁺ is reduced to produce NADH and H⁺. Under the action of 1-mPMS, WST-1 reacts with NADH to produce water-soluble formazan, which has the maximum absorption peak at 450nm, based on which the content of D-lactic acid can be calculated.

Catalog No.	250535
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs