

L-Lactic Acid (LA) Assay Kit

L-Lactic Acid (LA) Colorimetric Assay Kit

CATALOG #
AAA22101

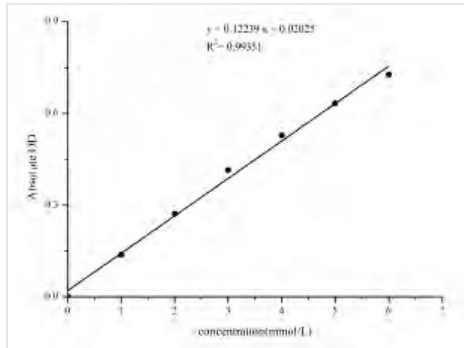
PRODUCT SYNONYMS

L-Lactic Acid (LA); L-Lactic Acid (LA) Colorimetric Assay Kit; L-lactic acid; L-lactate; L-Lactic Acid (LA) assay kit

PRODUCT SPECIFICATIONS

Specificity	100 assays (Can detect 96 samples without duplication)
Samples	Tissue, serum (plasma), cells, culture supernatant samples
Detection Range	0.05-6.0 mmol/L
Sensitivity	0.05 mmol/L
Intra-assay Precision	The intra-assay CV is 1.1%.
Inter-assay Precision	The inter-assay CV is 1.9%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L-Lactic Acid (LA) assay kit

Principle of the Assay: Using NAD⁺ as H⁺ receptor, LDH catalyzes the reaction of lactic acid and NAD⁺ to generate pyruvic acid and NADH respectively. NBT is reduced to a kind of purple compound during the reaction. Measure the OD value at 530 nm, and the concentration of lactic acid can be calculated.

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.