

D-Lactic Acid/Lactate Assay Kit

D-Lactic Acid/Lactate Colorimetric Assay Kit

CATALOG #
AAA22229

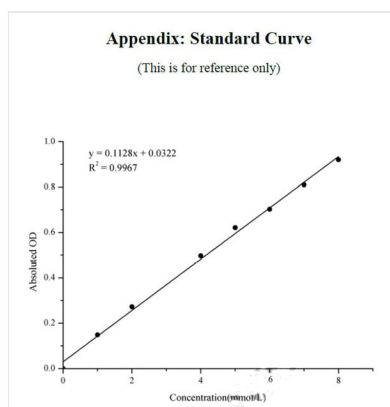
PRODUCT SYNONYMS

D-Lactic Acid/Lactate; D-Lactic Acid/Lactate Colorimetric Assay Kit; D-Lactic Acid/Lactate assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 80 samples without duplication)
Samples	Tissue, serum (plasma) and saliva samples
Detection Range	0.06-8.0 mmol/L
Sensitivity	0.06 mmol/L
Intra-assay Precision	The intra-assay CV is 3.8%.
Inter-assay Precision	The inter-assay CV is 7.7%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D-Lactic Acid/Lactate assay kit

Principle of the Assay: Using NAD⁺ as H⁺ receptor, D-lactate dehydrogenase (LDH) catalyzes the reaction of D-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 D-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.