

D-Lactic acid (D-LA) Detection Kit | D-LA detection kit

Micro D-Lactic acid (D-LA) Assay Kit

CATALOG #
AAA332634

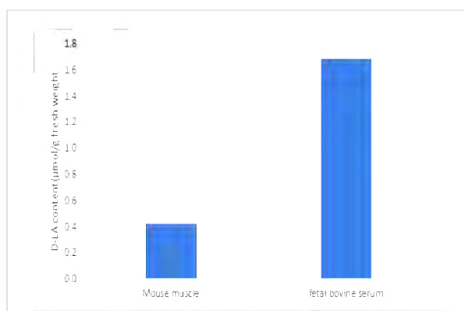
PRODUCT SYNONYMS

D-Lactic acid (D-LA); Micro D-Lactic acid (D-LA) Assay Kit; D-LA detection kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells or Bacteria, Serum (Plasma)
Features & Benefits	Detects the concentration of D-LA in serum (plasma), cell, bacterial or tissue extracts as well as the ratio Provides detailed sample preparation and calculation of results.
Usage Notes	We recommend that you use fresh samples. If not assayed immediately, samples can be stored at -80 degree C for one month.
Preparation and Storage	Stored at -20 degree C for 6 months, protected from light

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D-LA detection kit	Principle of the Assay: Lactic acid is an important intermediate product in the metabolic process of organisms, which is closely related to glucose metabolism, lipid metabolism, protein metabolism and intracellular energy metabolism. The content of lactic acid is an important indicator to evaluate glycogen metabolism and aerobic metabolism. Abnormally high concentrations of lactic acid are associated with pathological conditions such as cancer, diabetes, and lactic acidosis. Among them, D-lactic acid (D-LA) can be oxidized by D-lactate dehydrogenase to produce products that interact with tetrazolium salt WST-8 dye, forming a colored product that is proportional to the concentration of D-lactic acid in the sample, and its maximum absorption peak is at 450 nm.
Product Categories/Family for D-LA detection kit	Cell metabolism detection kit ; Cell analysis

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.