

Lactic Acid Assay Kit

Lactic Acid assay kit (Colorimetric method, whole blood)

CATALOG #
AAA172689

PRODUCT SYNONYMS

Lactic Acid; Lactic Acid assay kit (Colorimetric method; whole blood); Lactic Acid assay kit

PRODUCT SPECIFICATIONS

Samples	Animal whole blood and other samples.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

ADDITIONAL INFORMATION

Related Product Information for Lactic Acid assay kit	Background/Introduction: Lactic acid is metabolic product of glycolysis. Lactic acid is produced from bone, muscle, brain and red blood cell. It is excreted from renal secretion after liver metabolism. The assay of blood lactic acid can reflect oxygen supply status, metabolism and inadequate perfusion of tissue. The elevation of lactic acid level can be seen in a variety of clinical conditions. NAD + as the hydrogen receptor, LDH catalyzes the dehydrogenation of lactate to produce pyruvate, the process converts NAD + to NADH. The dehydrogenation of PMS reduce NBT to purple coloring matter. The absorbance of coloring matter is linear relationship with the lactic acid content at 530nm.
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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.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/lactic-acid/172689>