

Lactate Assay Kit

Catalogue No.: abx298983

Lactate Assay Kit can be used to detect Lactate in serum, plasma and tissue homogenates using a microplate reader. 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 purple compound during the reaction. The concentration of D-lactic acid can be calculated by measuring the absorbance at 530 nm.

Target: Lactate**Reactivity:** General**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.**Validity:** The validity for this kit is 12 months.**Test Range:** 0.06 mmol/L - 8 mmol/L**Sensitivity:** 0.06 mmol/L**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Serum, plasma and tissue homogenates.**CAS Number:** 10326-41-7**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.