Pyruvic Acid Colorimetric Assay Kit

Cat No: HR3BC1221

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(480-520 nm,optimum wavelength: 505 nm)
Assay Time	30 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,tissue
Synonyms	
Instrument	Microplate reader(480-520 nm,optimum wavelength: 505 nm)
Detection Principle	Pyruvic acid can react with chromogenic agent and the reaction product is reddish brown in alkaline solution. The depth of color is directly proportional to the pyruvate content. The pyruvate content can be calculated by measuring the OD value at 505 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Centrifuge, Incubator, Vortex mixer
Size	96T
Sensitivity	0.003 ?mol/mL
Detection Range	0.003-2.0 ?mol/mL
Recovery Rate	95