



Lactase Activity Assay Kit

Cat No: HR3BC1261

For research use only

Overview

Detection Method	Colorimetric method
Storage	Reagent 3: -20?; Others: 2-8?
Instrument	Microplate reader(495 nm-510 nm,optimum wavelength: 505 nm)
Assay Time	60 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Animal tissue
Synonyms	
Instrument	Microplate reader(495 nm-510 nm,optimum wavelength: 505 nm)
Detection Principle	Lactase decomposes lactose to produce glucose. Under the action of enzyme, glucose produces hydrogen peroxide. In the presence of chromogenic oxygen receptors, peroxidase catalyzes hydrogen peroxide to produce colored substances. Lactase activity 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, Vortex mixer, Centrifuge, Water bath, Incubator
Size	96T
Sensitivity	3.94 U/mL
Detection Range	12.5-2000 U/mL.
Recovery Rate	102