



Maltase Activity Assay Kit

Cat No: HR3BC1256

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(500 nm-520 nm,optimum wavelength: 505 nm)
Assay Time	60 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Animal tissue
Synonyms	
Instrument	Microplate reader(500 nm-520 nm,optimum wavelength: 505 nm)
Detection Principle	Maltase catalyze the corresponding substrate to produce monosaccharide. Monosaccharide produce hydrogen peroxide under the action of oxidase. Hydrogen peroxide react with chromogenic agent to form red product. The activity of maltase can be calculated by detection the optical density with spectrophotometer 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	6.32 U/mL
Detection Range	6.32-750 U/mL
Recovery Rate	103