

?-Amylase Activity Assay Kit

Cat No: HR3BC1251

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(535 nm-540 nm,optimum wavelength: 540 nm)
Assay Time	40 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Plant tissue
Synonyms	
Instrument	Microplate reader(535 nm-540 nm,optimum wavelength: 540 nm)
Detection Principle	The reducing sugar reacts with 3,5-dinitrosalicylic acid under heating conditions to produce a brown-red substance. ?-amylase was inactivated by the property of amylase not to be heat-resistant, and then the enzyme activity of total amylase and ?-amylase is determined. So the activity of ?-amylase can be calculated indirectly.
Reagents	
Labware	Test tubes, Vortex Mixer, Centrifuge, Water bath
Size	96T
Sensitivity	0.97 U/g tissue
Detection Range	0.97-34.74 U/g tissu
Recovery Rate	96