



Glycogen Fluorometric Assay Kit

Cat No: HR3BC1288

For research use only

Overview

Detection Method	Fluorescence method
Storage	-20°
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Assay Time	50min
Validity	6
Assay Type	Quantitative
Sample Type	Animal liver and muscle tissue
Synonyms	
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Detection Principle	Glycogen produces glucose under the action of starch glycosidase, and glucose is catalyzed by glucose oxidase to produce hydrogen peroxide. In the presence of the peroxidase, hydrogen peroxide be oxidized to produce the fluorescence substrate. The fluorescence intensity at the excitation wavelength of 535 nm and emission wavelength of 587 nm is proportional to the glycogen content.
Reagents	
Labware	Micropipettor, Incubator, Centrifuge
Size	96T
Sensitivity	0.06 µg/mL
Detection Range	0.06-4.0 µg/mL
Recovery Rate	