?-Aminobutyric Acid (GABA) Colorimetric Assay Kit

Cat No: HR3BC1299

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader (630-650 nm, optimum wavelength: 640 nm)
Assay Time	40 min
Validity	3
Assay Type	Quantitative
Sample Type	plant and animal tissue
Synonyms	
Instrument	Microplate reader (630-650 nm, optimum wavelength: 640 nm)
Detection Principle	Phenol and sodium hypochlorite react with GABA to produce a blue-green product, which has maximum absorbance at 640 nm. GABA content can be calculated with the absorbance at 640 nm.
Reagents	
Labware	Test tube, Micropipettor, Vortex mixer, Centrifuge, Water bath (95?)
Size	96T
Sensitivity	0.06 ?mol/mL
Detection Range	0.06?10.0 ?mol/mL
Recovery Rate	96