

Plant Flavonoids Colorimetric Assay Kit

Cat No: HR3BC1267

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(500 nm-520 nm,optimum wavelength: 510 nm)
Assay Time	35 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue
Synonyms	bloeisa
Instrument	Microplate reader(500 nm-520 nm,optimum wavelength: 510 nm)
Detection Principle	In alkaline nitrite solution, flavonoids form red complex with aluminum ion. The flavonoid content of the sample can be calculated by measuring the absorbance of the sample extract at 510 nm.
Reagents	60% alcohol
Labware	Micropipettor, Vortex mixer, Centrifuge, Vacuum dryer, Ultrasonic cell disruptor.
Size	96T
Sensitivity	0.66 ?g/mL
Detection Range	0.66-150 ?g/mL
Recovery Rate	103