

Plant Flavonoids Colorimetric Assay Kit

Cat No: HR3BC1192

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Spectrophotometer(510 nm)
Assay Time	60 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue
Synonyms	
Instrument	Spectrophotometer(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 absorptivity of the sample extract at 510 nm.
Reagents	60% Ethanol
Labware	Vortex mixer, Micropipettor, Air oven , Crusher, Ultrasonic cell processor
Size	100Assays
Sensitivity	0.315 µg/mL
Detection Range	0.315-150 µg/mL
Recovery Rate	98