

Total Phenols Colorimetric Assay Kit (Plant samples)

Cat No: HR3BC1281

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(750 nm-770 nm,optimum wavelength: 760 nm)
Assay Time	35 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue
Synonyms	
Instrument	Microplate reader(750 nm-770 nm,optimum wavelength: 760 nm)
Detection Principle	Plant total phenol is a common secondary natural metabolite in plants. There are several kinds of phenolic compounds, such as hydroxybenzoic acid, hydroxy cinnamic acid, flavonoids, chalcone, flavonoids, lignin, coumarin and astragalus. Phenolic compounds are antioxidants that delay or prevent oxidation and oxygen radical reactions.
Reagents	60% alcohol
Labware	Incubator, Vacuum drying oven, Centrifuge
Size	96T
Sensitivity	1.05 µg/mL
Detection Range	1.05-148 µg/mL
Recovery Rate	95