Total Phenols Colorimetric Assay Kit (Plant Samples)

Cat No: HR3BC1161

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(760 nm)
Assay Time	60 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue
Synonyms	
Instrument	Spectrophotometer(760 nm)
Detection Principle	Under alkaline conditions, tungsten-molybdenum acid can be reduced by phenols and produce blue compounds, which has a characteristic absorption peak at 760 nm. The content of total phenols in sample can be calculated indirectly by measuring the absorbance at 760 nm.
Reagents	60% Ethanol
Labware	Micropipettor, Vacuum dryer, Vortex mixer, Ultrasonic cell grinder, Crusher
Size	100Assays
Sensitivity	0.73 ?g/mL
Detection Range	0.73-150 ?g/mL
Recovery Rate	101