

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 | |
| 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 |