CREATIVE BIOMART®
Assay Kit

Plant Flavonoids Content Assay Kit

Product Information

Product Overview

Significance of Measurement: Flavonoids are polyphenolic plant secondary metabolites with anti-inflammatory, antibacterial, lipid-lowering, antioxidant, and anticancer properties.
Principle of Measurement: In alkaline nitrite solution, flavonoids react with aluminum ions to form a red complex exhibiting a characteristic absorption peak at 470 nm. Flavonoid content is determined by measuring absorbance at 470 nm.

Size

50t/24s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer

Materials Required but Not Supplied

Analytical balance, drying oven, grinder, sieve, ultrasonic extractor, 60% ethanol, centrifuge, visible spectrophotometer, glass cuvettes, and distilled water.

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