

Plant Flavonoids Assay Kit

Plant Flavonoids Colorimetric Assay Kit

CATALOG #
AAA31536

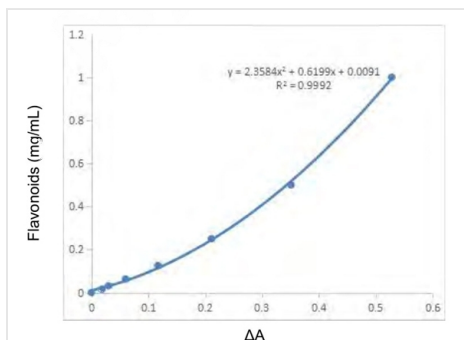
PRODUCT SYNONYMS

Plant Flavonoids; Plant Flavonoids Colorimetric Assay Kit; bioflavonoids; Plant Flavonoids assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues
Detection Range	0.156-10 mg/g
Sensitivity	0.078 mg/g
Application Notes	The kit provides a simple method for detecting the flavonoid content in plant tissues. In the alkaline nitrite solution, the flavonoids and aluminum ions in the plant samples form a red complex with a characteristic absorption peak at 502nm. The flavonoid content of the sample can be calculated by measuring the absorbance of the sample extract at 502nm.
Preparation and Storage	Store at 4 degree C and protected from light upon receipt. Kit has a storage time of est. 6 months from receipt. Shipping: Gel pack with blue ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Plant Flavonoids assay kit

Principle of the Assay: Flavonoids are a class of polyphenyl compounds, which are secondary metabolites of plants. They have anti-inflammatory, antibacterial, hypolipidemic effects on the human body, scavenging hydroxyl free radicals in the body and preventing cancer. Quercetin is a typical flavonoid. CheKine™ Micro Plant Flavonoids Assay Kit provides a simple method for detecting Flavonoids concentration in a variety of Plant Tissues. In the assay, in the alkaline nitrite solution, the flavonoids and aluminum ions in the plant samples form a red complex with a characteristic absorption peak at 502 nm. The flavonoid content of the sample can be calculated by measuring the absorbance of the sample extract at 502 nm. The kit can detect plant samples.

Product Categories/Family for Plant Flavonoids assay kit

Cell Metabolism; Biochemical Assay Kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

