

Plant Flavonoids Assay Kit

Plant Flavonoids Colorimetric Assay Kit

CATALOG #
AAA177797

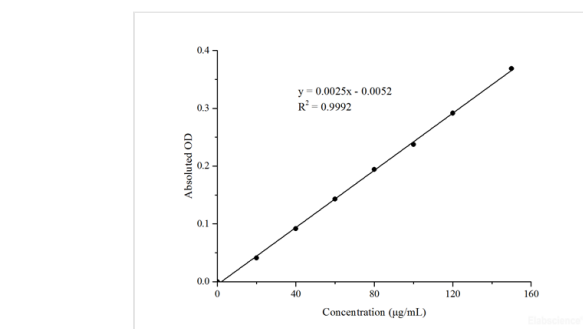
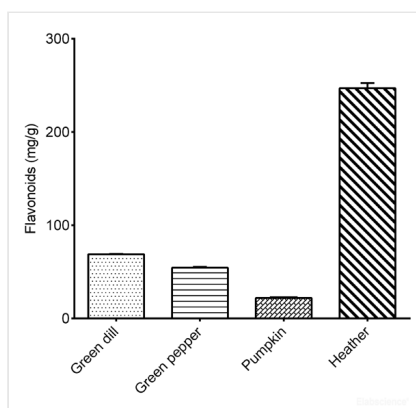
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Samples	Plant tissue samples
Detection Range	0.66-150 ug/mL
Sensitivity	0.66 ug/mL
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for Plant Flavonoids assay kit

Intended Uses: This kit can be used to measure the flavonoids content in plant tissue samples.

Principle of the Assay: 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.

Background/Introduction: Flavonoids are common plant secondary metabolites, such as red, blue, and purple anthocyanins in plant tissues. Flavonoids can scavenge free radicals directly by hydrogen atoms. The ability of oxidation resistance of many flavonoids is higher than vitamin C and vitamin E.

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.