

Plant Total Phenols (TP) Assay Kit | TP assay kit

Plant Total Phenols (TP) Colorimetric Assay Kit

CATALOG #
AAA31537

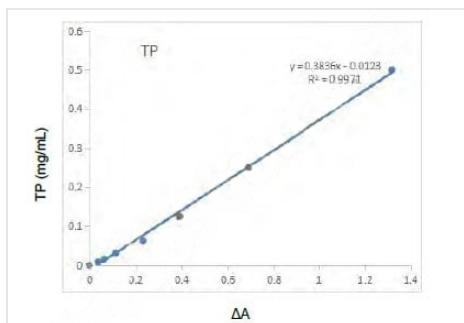
PRODUCT SYNONYMS

Plant Total Phenols (TP); Plant Total Phenols (TP) Colorimetric Assay Kit; TP assay kit

PRODUCT SPECIFICATIONS

Samples	Plant Tissues and Liquid samples such as juice and honey
Detection Range	0.0078-0.5 mg/mL (0.195-12.5 mg/g)
Sensitivity	0.0078 mg/mL (0.195 mg/g)
Application Notes	The kit provides a simple method for detecting the total phenol content in plant tissues. Under alkaline conditions, phenolic substances reduce tungstomolybdic acid to produce a blue compound with a characteristic absorption peak at 760nm. The total phenol content of the sample can be obtained by measuring the absorbance at 760nm.
Preparation and Storage	Store at 4 degree C and keep from light immediately upon receipt. Kit has a storage time of est. 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TP assay kit	Principle of the Assay: Plant phenols have the effects of scavenging free radicals, anti-oxidation and anti-aging, and have high nutritional value and medical and health care effects. They are widely used in cosmetics, food, medicine and other fields. CheKine™ Micro Total Phenols (TP) Assay Kit provides a convenient tool for detection of total phenols. The principle is that under alkaline conditions, phenolic substances reduce tungsten molybdenum acid to produce a blue compound with a characteristic absorption peak at 760 nm. The total phenol content of the sample can be obtained by measuring the absorbance at 760 nm.
Product Categories/Family for TP 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.

