

Plant Proantho Cyanidins (OPC) Assay Kit | OPC assay kit

Plant Proantho Cyanidins (OPC) Colorimetric Assay Kit

CATALOG #
AAA332487

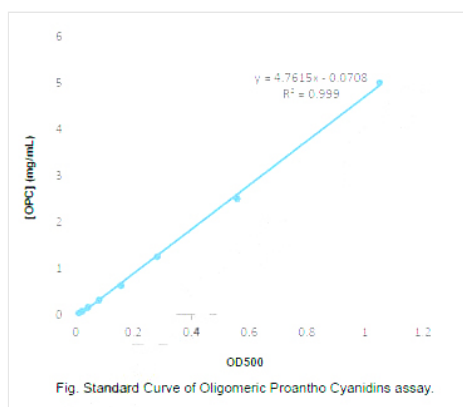
PRODUCT SYNONYMS

Plant Proantho Cyanidins (OPC); Plant Proantho Cyanidins (OPC) Colorimetric Assay Kit; OPC assay kit

PRODUCT SPECIFICATIONS

Detection Range	50-0.39 mg/g
Sensitivity	0.39 mg/g
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 OPC assay kit

Principle of the Assay: Under acidic conditions, the resorcinol and phloroglucinol on the A ring of plant proanthocyanidins undergo condensation reaction with vanillin to produce colored compounds. There is a characteristic absorption peak at 500 nm. The light absorption value at 500 nm can be measured to calculate the procyanidins Content. For testing plant samples.

Background/Introduction: Proanthocyanidins (Oligomeric Proantho Cyanidins, OPC) are a class of polyphenolic compounds of flavanol monomers and their polymers. They are widely present in various organs of plants. They have strong antioxidant and free radical scavenging effects. Used in medicine, food, cosmetics, health care products industry.

Product Categories/Family for OPC 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.