CREATIVE BIOMART®
Assay Kit

Plant Micro Plant Anthocyanin Assay Kit

Product Information

Product Overview

Anthocyanins are water-soluble natural pigments belonging to the flavonoid family and are widely distributed in plant roots, stems, leaves, flowers, and fruits, imparting red to purple coloration.
This assay uses the pH differential method. At pH 1.0, anthocyanins exhibit maximal absorbance at 530 nm, whereas at pH 4.5 they convert to colorless chalcone forms. Absorbance differences at 530 nm and 700 nm under different pH conditions enable accurate quantification while minimizing interference.

Size

100t/48s

Storage

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

Synonyms

Plant Flavonoid Assay Kit

Detection method Spectrophotometer/Microplate Reader

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, water bath, adjustable pipettes, micro quartz cuvettes or 96-well plates, mortar, distilled water.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA