



Dihydroflavonol Reductase Activity Assay kit

Dihydroflavonol-4-reductase (DFR) is a key enzyme in the biosynthetic pathway of phycocyanin, which catalyzes the production of different anthocyanin precursors from dihydroflavonols. Therefore, DFR determines the type and content of anthocyanins in plants, which in turn affects the color of the tissues or organs of plants. DFR, NADPH and dihydroflavonols react to produce anthocyanin precursors. NADPH has a maximum absorption peak at 340 nm. The magnitude of DFR activity can be obtained by detecting the rate of change of NADPH at 340 nm.

Catalog No.	250578
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs