



Plant Sucrose Content Assay kit

Sucrose is the main product of plant photosynthesis and the main form of sugar transportation and storage. Therefore, the determination of sucrose content is of great significance for plant sugar metabolism. In addition, sucrose content is one of the important indicators for the quality control of beverages, honey, preserved fruits, candies and dairy products.

First heat the sample with the base to destroy the reducing sugar in it. Then under acidic conditions, sucrose is hydrolyzed to produce glucose and fructose. Fructose further reacts with resorcinol to produce colored substances with a characteristic absorption peak at 480nm.

Catalog No.	251246
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs