



Sucrose Phosphoric Acid Synthetase Activity Assay kit

Sucrose is not only an important photosynthetic product, but also the main substance transported in the plant, and it is also one of the storage forms of carbohydrates. Sucrose phosphate synthase (SPS) takes fructose-6-phosphate as its receptor, and the formed sucrose phosphate forms sucrose under the action of sucrose phosphatase. The sucrose phosphate synthase-sucrose phosphatase system is generally regarded as the main way of sucrose synthesis.

Sucrose phosphate synthase catalyzes fructose-6-phosphate to form sucrose phosphate. The reaction between sucrose phosphate and resorcinol can show a color change. There is a characteristic absorption peak at 480nm, and the enzyme activity is directly proportional to the color depth.

Catalog No.	250060
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs