# Glucose, Sucrose, Fructose Content Assay kit (Enzymatic Method)

Glucose is not only the main substrate of cell energy metabolism, but also its metabolic intermediates are important substrates for biosynthesis. Plants can produce glucose through photosynthesis. As far as mammals are concerned, glucose is not only the only energy source of the brain nervous system, muscle and adipose tissue, but also closely related to the synthesis of reducing coenzyme, lactose and milk fat. Sucrose is also the main product of plant photosynthesis and the main form of sugar transport 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 quality control of beverages, honey, preserved fruit, candy and dairy products. Fructose is one of the most common hexoses. It is an isomer of glucose. It is present in large quantities in the juice and honey of fruits in a free state and can be combined with glucose to produce sucrose. Fructose is the sweetest monosaccharide, which is widely used in the production of food, medicine and health products.

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| Catalog No. | 250636 |
| Size | 50 Assays / 100 Assays |
| Product Category | Colorimetric Assay |
| Detection Method | Spectrophotometry / Micro-Plate Reader |
| Storage/Stability | -20°C/6 months |
| Shipping | Gel Packs |