



Glucose Content Assay kit

Glucose is not only the main substrate of cell energy metabolism, but also its metabolic intermediate product is an important substrate for biosynthesis. Plants can produce glucose through photosynthesis. As far as mammals are concerned, glucose is not only the only energy source for the cerebral nervous system, muscles, adipose tissue, etc., but also closely related to the synthesis of reducing coenzymes, lactose and milk fat.

Glucose oxidase catalyzes the oxidation of glucose into gluconic acid and produces hydrogen peroxide; peroxidase catalyzes the oxidation of 4-aminoantipyrine-coupled phenol with hydrogen peroxide to produce colored compounds with a characteristic absorption peak at 505 nm.

Catalog No.	250250
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs