



Glucose Content Assay kit

Glucose is the main substrate of cell energy metabolism. 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 for the brain nervous system, muscle, adipose tissue, etc., but also closely related to the synthesis of reducing coenzymes, lactose and milk fat. Glucose oxidase (GOD) catalyzes the oxidation of glucose to gluconic acid and produces hydrogen peroxide. Peroxidase (POD) catalyzes the oxidation of 4-aminoantipyrine coupling phenol by hydrogen peroxide to form a colored compound with a characteristic absorption peak at 505 nm.

Catalog No.	250588
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs