

Glucose (Glu) Colorimetric Assay Kit (GOD-POD Method)

Cat No: HR3BC1190

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Spectrophotometer(505 nm)
Assay Time	60 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum, plasma
Synonyms	Glu
Instrument	Spectrophotometer(505 nm)
Detection Principle	Glucose oxidase can catalyze the oxidation of glucose to gluconic acid to produce hydrogen peroxide. In the presence of chromogenic oxygen receptors, peroxidase catalyzes hydrogen peroxide and oxidizes pigment sources to form colored substances. Measure the OD value at 505 nm and glucose content can be calculated indirectly.
Reagents	Normal saline (0.9% NaCl)
Labware	Vortex mixer, Micropipettor, Incubator
Size	100 Assays
Sensitivity	0.05 mmol/L
Detection Range	0.05-30 mmol/L
Recovery Rate	101