

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

Cat No: HR3BC1215

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(500-510 nm)
Assay Time	30 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma
Synonyms	Glu
Instrument	Microplate reader(500-510 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	96T
Sensitivity	0.04 mmol/L
Detection Range	0.04-30 mmol/L
Recovery Rate	100