

# Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) Colorimetric Assay Kit

Cat No: HR3BC1136

For research use only

## Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Spectrophotometer(405 nm)
Assay Time	60 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,cell culture supernatant,tissue,cells
Synonyms	H <sub>2</sub> O <sub>2</sub>
Instrument	Spectrophotometer(405 nm)
Detection Principle	Hydrogen peroxide can react with ammonium molybdate to form a yellow complex which has a maximum absorption peak at 405 nm. H <sub>2</sub> O <sub>2</sub> content can be calculated by measuring the absorbance value at 405 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Incubator, Vortex mixer, Centrifuge
Size	100Assays
Sensitivity	1.5 mmol/L
Detection Range	1.5-150 mmol/L
Recovery Rate	98