Catalase (CAT) Activity Assay Kit

Cat No: HR3BC1200

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(400-410 nm,optimum wavelength: 405 nm)
Assay Time	40 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	Serum,plasma,cells,cell culture supernatant,tissue
Synonyms	CAT
Instrument	Microplate reader(400-410 nm,optimum wavelength: 405 nm)
Detection Principle	The reaction that catalase (CAT) decomposes H2O2 can be quickly stopped by ammonium molybdate. The residual H2O2 reacts with ammonium molybdate to generate a yellowish complex. CAT activity can be calculated by production of the yellowish complex at 405 nm.
Reagents	Normal saline (0.9% NaCl) or PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex Mixer, Incubator
Size	96T
Sensitivity	1.12 U/mL
Detection Range	1.12 -150 U/mL
Recovery Rate	100