



Citric Acid (CA) Colorimetric Assay Kit

Cat No: HR3BC1280

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(535 nm-555 nm,optimum wavelength: 545 nm)
Assay Time	50 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum, plasma, animal tissue, mitochondria
Synonyms	CA
Instrument	Microplate reader(535 nm-555 nm,optimum wavelength: 545 nm)
Detection Principle	In biochemistry, citric acid is an intermediate in the citric acid cycle and plays an important role in metabolism. Citric acid levels in blood and urine are affected by factors such as age, gender, diet, citric acid precursors, and parathyroid hormone and sex hormones.
Reagents	
Labware	Micropipettor, Water bath, Incubator, Vortex mixer, Centrifuge
Size	96T
Sensitivity	0.06 mmol/L
Detection Range	0.06-2.0 mmol/L
Recovery Rate	95