

Oxalate (Oxalic Acid) Colorimetric Assay Kit

Cat No: HR3BC1301

For research use only

Overview

Detection Method	Colorimetric method
Storage	-20?
Instrument	Micropipettor, Microplate reader (545-555 nm, optimum wavelength: 550 nm)
Assay Time	35 min
Validity	6
Assay Type	Quantitative
Sample Type	animal urine, serum, plasma? plant tissue
Synonyms	
Instrument	Micropipettor, Microplate reader (545-555 nm, optimum wavelength: 550 nm)
Detection Principle	Oxalate oxidase catalyzes the oxidation of oxalate to produce hydrogen peroxide and carbon dioxide. Under the action of POD, hydrogen peroxide reacts with chromogenic substances to produce colored products. There is a specific absorption peak at 550 nm, and the color depth is proportional to the content of oxalate.
Reagents	
Labware	Micropipettor, Centrifuge, 37? incubator
Size	96T
Sensitivity	0.02 mmol/L
Detection Range	0.02-1 mmol/L
Recovery Rate	95