Uric Acid (UA) Fluorometric Assay Kit

Cat No: HR3BC1243

For research use only

Overview

Detection Method	Fluorescence method
Storage	-20?
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Assay Time	40 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum, plasma, urine, animal tissue
Synonyms	UA
Instrument	Fluorescence microplate reader (Ex/Em=535 nm/587 nm)
Detection Principle	Uricase catalyzes the decomposition of uric acid into allantoin, CO2 and H2O2. Under the action of peroxidase, H2O2 oxidizes the non-fluorescent probe into the fluorescent substance. By measuring the fluorescence value of the system, the corresponding uric acid content can be calculated.
Reagents	
Labware	Micropipettor, Vortex mixer, Centrifuge
Size	96T
Sensitivity	0.03 ?mol/L
Detection Range	0.03-15 ?mol/L
Recovery Rate	101