Lactate Dehydrogenase (LDH) Cytotoxicity Colorimetric Assay Kit

Cat No: HR3BC1296

For research use only

Overview

Detection Method	Colorimetric method
Storage	-20?
Instrument	Microplate reader (450 nm)
Assay Time	30 min
Validity	6
Assay Type	Enzyme Activity
Sample Type	cells
Synonyms	LDH
Instrument	Microplate reader (450 nm)
Detection Principle	Lactate dehydrogenase catalyzes the reaction of lactic acid with NAD+ to produce pyruvic acid and NADH. NADH, under the action of PMS, transfer electrons to WST-8 to produce the yellow product, which has a characteristic absorption peak at 450 nm. Therefore, LDH activity can be quantified by measure the OD value at 450 nm.
Reagents	
Labware	Microplate centrifuge, Micropipettor, Water bath
Size	96T
Sensitivity	
Detection Range	
Recovery Rate	