

Non-esterified Free Fatty Acids (NEFA) Colorimetric Assay Kit

Cat No: HR3BC1197

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(690-730 nm,optimum wavelength: 715 nm)
Assay Time	30 min
Validity	6
Assay Type	Quantitative
Sample Type	Animal tissue,cells
Synonyms	NEFA
Instrument	Microplate reader(690-730 nm,optimum wavelength: 715 nm)
Detection Principle	Under the condition of weak acidity, non-esterified free fatty acids (NEFA) react with nantokite to form copper soap, which has a specific absorption peak at 715nm. The content of NEFA can be calculated indirectly by measuring the OD value at 715 nm.
Reagents	
Labware	Vortex mixer, Micropipettor, Multichannel transferpettor (300 ?L)
Size	96T
Sensitivity	0.15 mmol/L
Detection Range	0.15-1.5 mmol/L
Recovery Rate	101