Nitric Oxide (NO) Colorimetric Assay Kit

Cat No: HR3BC1165

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(550 nm)
Assay Time	80 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,tissue
Synonyms	NO
Instrument	Spectrophotometer(550 nm)
Detection Principle	NO is easily oxidized to form NO2- in vivo or in aqueous solution, and a reddish azo compound is formed with the color developing agent, and the concentration of the azo compound is linearly related to the concentration of NO. The concentration of NO can be calculated indirectly by measuring the OD value at 550 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Vortex mixer, Centrifuge, Analytical Balance, Micropipettor
Size	100Assays
Sensitivity	0.97 ?mol/L
Detection Range	0.97-700 ?mol/L
Recovery Rate	99