Total Carbonyl Colorimetric Assay Kit

Cat No: HR3BC1181

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(370 nm)
Assay Time	50 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,,tissue
Synonyms	
Instrument	Spectrophotometer(370 nm)
Detection Principle	Carbonyl can react with 2,4-dinitrophenylhydrazine and produce a kind of reddish brown hydrazone compounds, which has a specific absorbance peak at 370 nm. The content of carbonyl can be calculated according to the absorbance value.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Vortex mixer
Size	100Assays
Sensitivity	0.94 ?g/mL
Detection Range	0.94-45 ?g/mL
Recovery Rate	100