Protein Carbonyl Colorimetric Assay Kit (Tissue And Serum Samples)

Cat No: HR3BC1139

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(370 nm)
Assay Time	240 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,hydrothorax,cell culture supernatant,tissue
Synonyms	
Instrument	Spectrophotometer(370 nm)
Detection Principle	The content of protein carbonyl increased after oxidation, and the carbonyl group reacted with 2, 4-dinitrophenylhydrazine to form a reddish brown precipitate. The absorbance can be measured at 370 nm after the precipitation is dissolved. The carbonyl content can be calculated indirectly.
Reagents	Absolute ethanol, Ethyl acetate
Labware	Vortex mixer, Micropipettor, Water bath, Incubator, Centrifuge
Size	100Assays
Sensitivity	0.02 nmol/mgprot
Detection Range	0.02-10 nmol/mgprot
Recovery Rate	101