Protein Carbonyl Content Assay Kit

Cat. No. Kit-0729 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Simple procedure; takes ~ 30-90 minutes
Size	100 assays
Description	Protein carbonyl groups are an important and immediate biomarker of oxidative stress. DNPH tagging of protein carbonyls has been one of the most common measures of oxidative stress. DNP hydrazones formed from the reaction are easily quantifiable at 375 nm. Protein Carbonyl Content Assay Kit is designed to provide a simple and accurate method of quantifying carbonyls in protein samples. Using BSA as an example, a 1 mg (~ 15 nmol) sample has a detection limit of about 0.15 nmol carbonyl, where BSA typically contains approximately 1-3 nmol carbonyl/mg.
Target Species	Mammalian
Usage	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Kit Components	DNPH Solution100% TCA Solution10% Streptozocin Solution6 M Guanidine Solution96-Well Clear Plate
Detection method	Colorimetric
Compatible Sample Types	Protein Containing Samples

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