



Protein Free Thiol Content Assay kit

The presence of sulfhydryl allows proteins to undergo disulfide bond formation, thereby maintaining molecular stability and functionality. Sulfhydryl are also involved in redox reactions and have important biological roles. In cells, changes in sulfhydryl content are closely related to the onset and progression of a variety of diseases, and thus sulfhydryl have become an important object of study in the biomedical field. This kit determines the free sulfhydryl content of proteins. Under certain conditions, sulfhydryl group will undergo nucleophilic reaction, i.e. sulfhydryl group reacts with 5,5'-dithio-bis-nitrobenzoic acid (DTNB) to produce a yellow color compound with a maximum absorption peak at 412 nm, from which the free sulfhydryl content of protein can be calculated.

Catalog No.	250589
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs