



Total Cholesterol Content Assay kit

TC includes free cholesterol and cholesterol ester. TC refers to the sum of cholesterol contained in all lipoproteins in the tissue.

Use esterase to catalyze the hydrolysis of cholesterol ester to generate free cholesterol (FC) and free fatty acid (FFA), thereby converting cholesterol ester into FC; further use cholesterol oxidase to catalyze the oxidation of FC to generate 4-cholestenone and H₂O₂ ; Finally, peroxidase is used to catalyze H₂O₂ to oxidize 4-aminoantipyrine and phenol to generate red quinone compounds; there is a characteristic absorption peak at 500nm, and its color depth is proportional to the TC content.

Catalog No.	250198
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible Spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs