

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

CheKine(TM) Micro Total Cholesterol (TC) Assay Kit ASC-KTB2220

Article Name	CheKine(TM) Micro Total Cholesterol (TC) Assay Kit
Biozol Catalog Number	ASC-KTB2220
Supplier Catalog Number	KTB2220
Alternative Catalog Number	ASC-KTB2220-48, ASC-KTB2220-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine CheKine(TM) Total Cholesterol (TC) Colorimetric Assay Kit is designed for detecting Total Cholesterol (TC) in the sample....
Tag	TC
Application Notes	The kit provides a simple method for detecting TC concentration in a variety of biological samples such as serum, plasma, tissues, cells, and bacteria. In the assay, esterase catalyzes the hydrolysis of cholesterol esters to produce free cholesterol (FC) and free fatty acids (FFA). Then Cholesterol oxidase catalyzes free cholesterol (FC) to produce 4-cholestenone and H ₂ O ₂ . Further, H ₂ O ₂ , 4-aminoantipyrine and phenol can be catalyzed by peroxidase to form red quinone compounds which has a characteristic absorption peak at 500 nm. The Total Cholesterol (TC) present in the sample is proportional to the signal obtained.