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Product Datasheet

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

Artikelname	CheKine(TM) Micro Total Cholesterol (TC) Assay Kit
Artikelnummer	ASC-KTB2220
Hersteller Artikelnummer	KTB2220
Alternativnummer	ASC-KTB2220-48, ASC-KTB2220-96
Hersteller	Abbkine Scientific
Kategorie	Kits/Assays
Produktbeschreibung	Abbkine CheKine(TM) Total Cholesterol (TC) Colorimetric Assay Kit is designed for detecting Total Cholesterol (TC) in the sample....
Tag	TC
Anwendungsbeschreibung	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.