
Product Datasheet

Total Cholesterol (TC) Colorimetric Assay Kit (orb1173223)

Description

Biorbyt CheKine Total Cholesterol (TC)

detecting Total Choles...

Storage

Storage at 4°C and protected from light upon receipt. Kit has a storage time of 12 months form receipt.

Note

For research use only

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 Δ^4 -cholestenone and H₂O₂. Further, H₂O₂, 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.

Hazard Information

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Expiration Date

Please enquire.