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Product Datasheet

Free Cholesterol (FC) Colorimetric Assay Kit BYT-ORB1173224

Article Name	Free Cholesterol (FC) Colorimetric Assay Kit
Biozol Catalog Number	BYT-ORB1173224
Supplier Catalog Number	orb1173224
Alternative Catalog Number	BYT-ORB1173224-48, BYT-ORB1173224-96
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	The kit provides a method for detecting FC concentration in biological samples such as serum, plasma, tissues, cells, and bacteria. In the assay, Cholesterol oxidase catalyzes free cholesterol (FC) to produce 4-cholestenone and H ₂ O ₂
Application Notes	Application Notes: The kit provides a simple method for detecting FC concentration in a variety of biological samples such as serum, plasma, tissues, cells, and bacteria. In the assay, 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 Free Cholesterol (FC) present in the sample is proportional to the signal obtained