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Product Datasheet

Free Cholesterol (FC) Colorimetric Assay Kit BYT-ORB1173224

Artikelname	Free Cholesterol (FC) Colorimetric Assay Kit
Artikelnummer	BYT-ORB1173224
Hersteller Artikelnummer	orb1173224
Alternativnummer	BYT-ORB1173224-48, BYT-ORB1173224-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Produktbeschreibung	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
Anwendungsbeschreibung	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