

Total cholesterol Assay Kit

Total cholesterol assay kit (Microplate Reader and Biochemical Analyzer)

CATALOG #
AAA22082

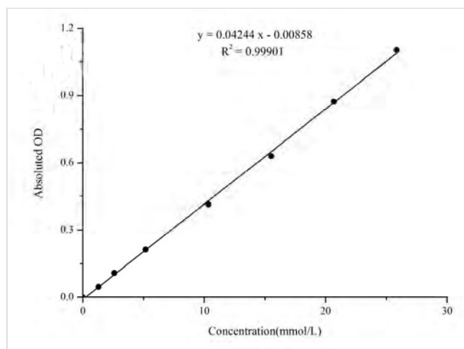
PRODUCT SYNONYMS

Total cholesterol; Total cholesterol assay kit (Microplate Reader and Biochemical Analyzer); Total cholesterol assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma, tissue, cells and culture supernatant samples
Detection Range	0.29-25.85 mmol/L
Sensitivity	0.29 mmol/L
Intra-assay Precision	The intra-assay CV is 3.1%.
Inter-assay Precision	The inter-assay CV is 8.3%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Total cholesterol assay kit

Principle of the Assay: Total cholesterol includes free cholesterol and cholesterol esters. Cholesterol ester can be hydrolyzed by cholesterol esterase to produce cholesterol and free fatty acid. Cholesterol is oxidized by cholesterol oxidase to produce 24-cholestenone and hydrogen peroxide. In the presence of 4-aminoantipyridine and phenol, hydrogen peroxide catalyze peroxidase to form red quinone compounds of benzoquinone imine phenizone.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/total-cholesterol/22082>