Cholesterol-Cholesterol Ester Assay

A plate based colorimetric/fluorometric assay to quantify free, esterified or total cholesterol in biological samples.

Cholesterol is a lipid molecule essential to all animal life. It is the precursor of steroid hormones and vitamin D. It makes up about 30% of cell membranes. It is transported via lipoproteins including HDL, LDL, VLDL in the blood, as free cholesterol and as cholesteryl esters. AkrivisBio's Cholesterol/Cholesteryl Ester Assay provides a simple, sensitive method of quantifying free, esterified or total cholesterol (cholesterol and cholesteryl esters). In this assay, cholesteryl esters are hydrolyzed to cholesterol by cholesterol esterase, which is then oxidized by cholesterol oxidase to yield hydrogen peroxide. Hydrogen peroxide is utilized by the peroxidase to oxidize ADHP thereby resulting in the formation of intense color or fluorescence measured at OD 570 nm or at Ex/Em = 535/587 nm respectively.

Ordering Information

Order Online »

AKR-MA-0119	100 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.