

High-Density Lipoprotein Cholesterol (HDL-C) Assay Kit | HDL-C assay kit

High-Density Lipoprotein Cholesterol (HDL-C) Fluorometric Assay Kit

CATALOG #
AAA179691

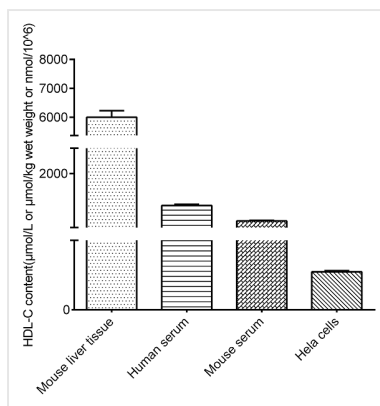
PRODUCT SYNONYMS

High-Density Lipoprotein Cholesterol (HDL-C); High-Density Lipoprotein Cholesterol (HDL-C) Fluorometric Assay Kit; HDL-C assay kit

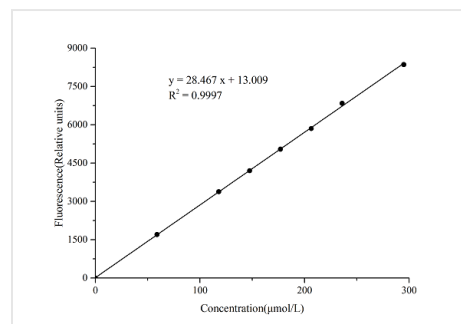
PRODUCT SPECIFICATIONS

Detection Type	Fluorescence
Result Type	Quantitative
Samples	Serum, Plasma, Animal tissue, Cell
Detection Range	0.15-295umol/L
Sensitivity	0.15umol/L
Precision	Intra-assay CV: 2.1-2.4% Inter-assay CV: 7.1-8.7%
Detection Instrument	Fluorescence microplate reader
Preparation and Storage	This product can be stored at 2-8 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for HDL-C assay kit	High-density lipoprotein cholesterol (HDL-C), mainly synthesized in the liver, is an anti-atherosclerotic lipoprotein composed of apolipoprotein, phospholipid, cholesterol and fatty acids. The role of HDL-C is to transport phospholipids and cholesterol, which can transport cholesterol from extrahepatic tissues to the liver for metabolism, and be excreted from the body by bile acids. Plasma level of HDL-C are inversely associated with the risk of cardiovascular disease. HDL can take cholesterol from cell membranes, catalyze it into cholesterol esters by lecithin cholesterol acyltransferase, and then transfer the cholesterol ester to very low density lipoproteins and low density lipoproteins. The cholesterol content of high-density lipoprotein is relatively fixed, about 20-30% of the total cholesterol of the human body. After a series of reactions of HDL-C, the product can form a complex with the fluorescent probe. The fluorescence value of the sample at the excitation wavelength of 535nm and the emission wavelength of 587nm can be measured, and the content of HDL-C in the sample can be calculated.
Product Categories/Family for HDL-C assay kit	Metabolism assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism

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/high-density-lipoprotein-cholesterol-hdl-c/179691>