

APOB

Native Human Low Density Lipoprotein

Catalog No.	CSI19683A CSI19683B	Quantity:	100 mg 1.0 g
Alternate Names:	LDL, Beta-Lipoprotein, Apolipoprotein		
Description:	Human Low-density lipoprotein (LDL) refers to a class and range of lipoprotein particles, varying in their size which carry cholesterol in the blood and around the body, for use by cells. Human Low Density Lipoprotein LDL contains the apolipoproteins B-100. Generally, Human Low Density Lipoprotein LDL transports cholesterol and triglycerides from the liver and small intestine to cells and tissues which are taking up cholesterol and triglycerides. Human Low Density Lipoproteins (LDLs) transport cholesterol to the arteries, increased levels are associated with atherosclerosis, and thus heart attack, stroke and peripheral vascular disease.		
Gene ID:	338		
UniProtKB:	P04114		
Concentration:	Total Cholesterol: 5,600 mg/dL Triglyceride: 4,200 mg/dL LDL Cholesterol: 4,160 mg/dL TRIG Ratio: 0.75 (Triglyceride/Total Cholesterol)		
Source:	Human plasma		
Electrophoresis:	One major band observed corresponding to LDL (Helena QuickGel [®] Lipoprotein QuickGel electrophoresis)		
Formulation:	Frozen Liquid		
Handling:	Thaw in 37°C water bath, remove as soon as thawed. If needed, dilute with 0.15 M sodium chloride.		
Storage & Stability:	Store at -20 °C for up to 3 months or at -80 °C for up to one year. Avoid repeated freeze-thaw cycles.		
Recertification Date:	January 25, 2019		
Statement:	Non-Infectious Disease Statement: Negative or non-reactive at the donor level for HIV-1, HIV-2 and HCV (antibodies), HIV-1, HBV and HCV (NAT); HBsAg and syphilis according to FDA approved methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.		

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