

Lipoprotein Composition of normal healthy subjects in northern India

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Lipoprotein Composition of normal healthy subjects in northern India

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Abstract

In fasting plasma of 201 apparently healthy subjects from northern India, cholesterol and triglyceride values were obtained for the three major fractions of lipoproteins i.e., VLDL, LDL and HDL. Total triglycerides and total cholesterol values showed marked increase with the age. LDL cholesterol increased up to the age of 50 yr. There is not much change in values of VLDL cholesterol and HDL cholesterol. Changes in triglyceride values for different lipoprotein fractions were not observed. The overall values of total triglycerides, total cholesterol and LDL cholesterol were significantly higher in males. The per cent distribution of cholesterol and triglycerides in various lipoprotein fractions remained fairly constant with age in both sexes. Total cholesterol, LDL cholesterol and HDL cholesterol values were lower than in Western population, while total triglycerides and VLDL cholesterol values were higher. The range of values combined for both sexes is presented for different age groups.