

Low-density lipoprotein (LDL) was calculated from total cholesterol and HDL (see respective methodology documents) using the Friedewald equation (Friedewald WT, Levy RI, Fredrickson DS. Estimation of the concentration of low-density lipoprotein cholesterol in plasma, without use of the preparative ultracentrifuge. Clin Chem. 1972 18(6):499-502):

$$\text{LDL} = \text{Total Cholesterol} - \text{HDL} - (\text{Trig}/5)$$

This equation is valid for triglyceride ≤ 400 mg/dL.