



Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/Verified
Cholesterol, Serum or Plasma	258 H	mg/dL	[<=199]	19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11
Triglycerides, Serum or Plasma	318 H	mg/dL	[30-149]	19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11
HDL Cholesterol	37 L	mg/dL	[40-59]	19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11
LDL Cholesterol, Direct	156 H	mg/dL	[0-129]	19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11
VLDL, Calculated	65 H	mg/dL	[0-30]	19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11
Non-HDL Cholesterol	221	mg/dL		19-157-900115	06-Jun-19 12:41:00	06-Jun-19 12:41:00	06-Jun-19 12:45:11

06-Jun-19 12:41:00 Cholesterol, Serum or Plasma:
 INTERPRETIVE INFORMATION: Cholesterol, Serum or Plasma
 A desirable serum cholesterol concentration in adults is less than 200 mg/dL and less than 170 mg/dL in children. A borderline-high serum cholesterol concentration in adults is 200-239 mg/dL and 170-199 mg/dL in children. A high serum cholesterol concentration in adults is greater than 239 mg/dL and greater than 199 mg/dL in children.

06-Jun-19 12:41:00 Triglycerides, Serum or Plasma:
 INTERPRETIVE INFORMATION: Triglycerides

A normal fasting serum triglycerides concentration in adults is 149 mg/dL or less. A borderline-high fasting serum triglycerides concentration in adults is 150 to 199 mg/dL. A high fasting serum triglycerides concentration in adults is 200 to 499 mg/dL. A very high fasting serum triglycerides concentration in adults is 500 mg/dL or greater.

06-Jun-19 12:41:00 HDL Cholesterol:
 INTERPRETIVE INFORMATION: High Density Lipoproteins

An HDL cholesterol less than 40 mg/dL is low and constitutes a coronary heart disease risk factor. An HDL cholesterol greater than 60 mg/dL is a negative risk factor for coronary heart disease.

CHD Risk Factors:

- +1 Age: Men, 45 years and older
 Women, 55 years and older or premature menopause
 without estrogen therapy
- +1 Family history of premature CHD
- +1 Current smoking
- +1 Hypertension
- +1 Diabetes mellitus
- +1 Low HDL Cholesterol: 39 mg/dL or less
- 1 High HDL Cholesterol: 60 mg/dL or greater

06-Jun-19 12:41:00 LDL Cholesterol, Direct:
 INTERPRETIVE INFORMATION: LDL Cholesterol, Direct

CHD Risk Factors:

- +1 Age: Men, 45 years and older
 Women, 55 years and older or premature menopause

* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

without estrogen therapy

- +1 Family history of premature CHD
- +1 Current smoking
- +1 Hypertension
- +1 Diabetes mellitus
- +1 Low HDL Cholesterol: 39 mg/dL or less
- 1 High HDL Cholesterol: 60 mg/dL or greater

LDL Cholesterol: Therapeutic goal

99 mg/dL or less if CHD is present (Optional 69 mg/dL or less)
129 mg/dL or less if no CHD and two or more risk factors
159 mg/dL or less if no CHD
(Circulation 2004; 110:227-39)

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

06-Jun-19 12:41:00 Non-HDL Cholesterol:
INTERPRETIVE INFORMATION: Non-HDL Cholesterol

Non-HDL cholesterol is a secondary target of therapy in persons with high serum triglycerides (greater than 199 mg/dL). The goal for non-HDL cholesterol in persons with high triglycerides is 30 mg/dL higher than their LDL cholesterol goal.