

— Cardiovascular Health

The circulatory system, also known as the cardiovascular system (CVS), is a vast network of organs and vessels that are responsible for the flow of blood, nutrients, oxygen, other gases, and hormones ... [See more](#)

Cholesterol & Triglycerides

CHOLESTEROL, T...
(mg/dL)

158

Range: <200

CHOLESTEROL, TOTAL

(mg/dL)

Cholesterol is a waxy, fat-like substance that occurs naturally in all parts of the body. Your body needs some cholesterol to work properly. But if you have too much in your blood, it can combine with ... [See more](#)



TRIGLYCERIDES
(mg/dL)

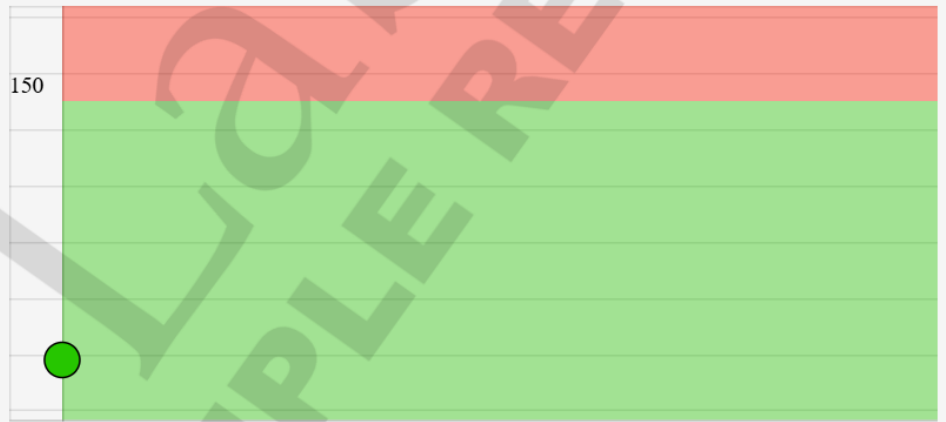
58

Range: <150

TRIGLYCERIDES

(mg/dL)

Triglycerides are a form of fat and a major source of energy for the body. This test measures the amount of triglycerides in the blood. Most triglycerides are found in fat (adipose) tissue, but some ... [See more](#)



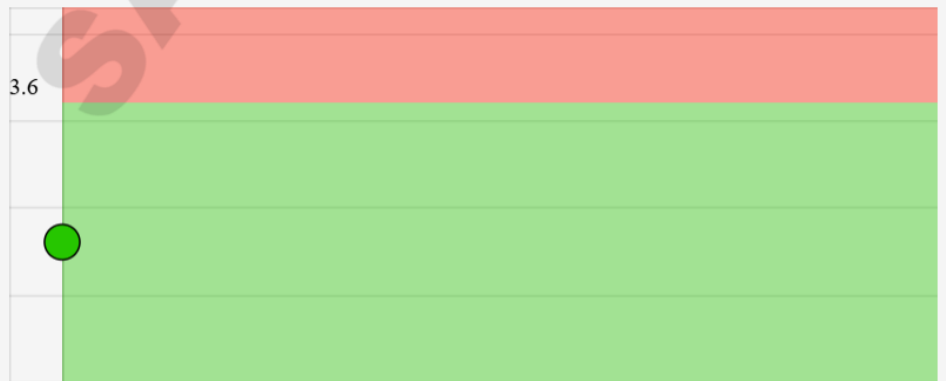
CHOL/HDLC RATIO
(calc)

2.8

Range: <3.6

CHOL/HDLC RATIO

(calc)



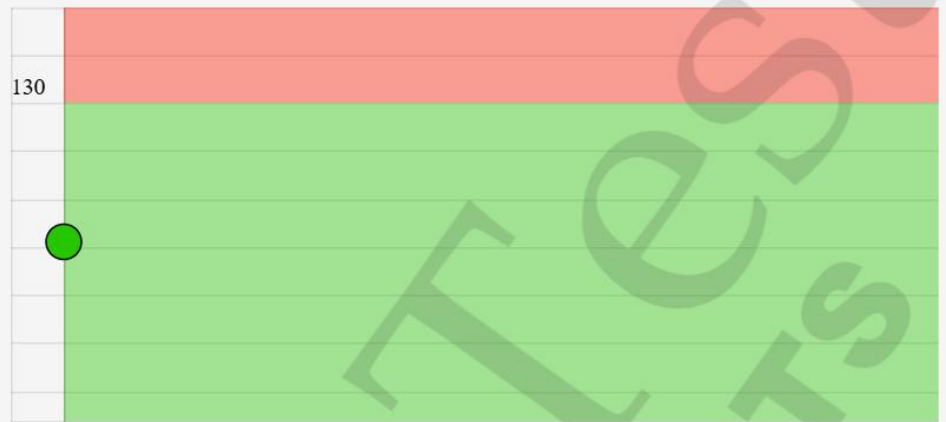
NON HDL CHOLE...
(mg/dL (calc))

101

Range: <130

NON HDL CHOLESTEROL

(mg/dL (calc))



Result Comments

For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.

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HDL Particles

High density lipoprotein (HDL) particles are often referred to as good cholesterol, because they are associated with a decreased risk of developing cardiovascular disease.

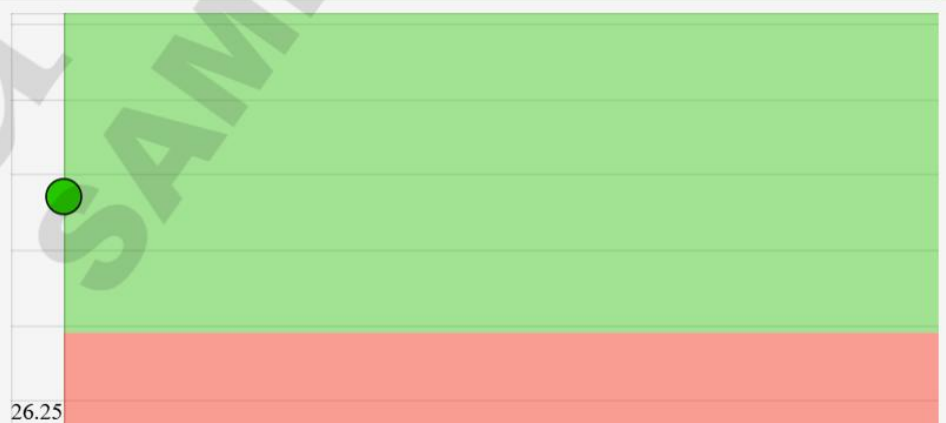
HDL CHOLESTER...
(mg/dL)

57

Range: >39

HDL CHOLESTEROL

(mg/dL)



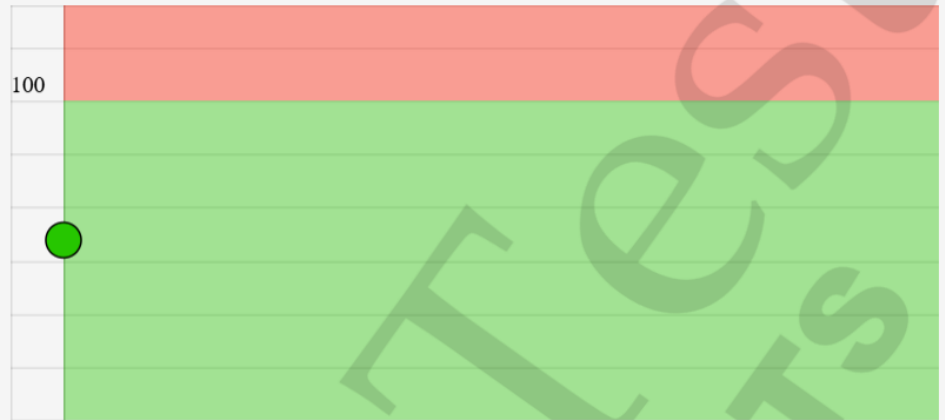
LDL Particles

Low-density lipoprotein particle (LDL-P) testing evaluates LDL particles according to their number, size, density, and/or electrical charge. Low-density lipoproteins (LDL) are particles that transport ... [See more](#)

LDL-CHOLESTEROL **87**
(mg/dL (calc)) Range: <100

LDL-CHOLESTEROL

(mg/dL (calc))



Result Comments

Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with ≥ 2 CHD risk factors. LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (<http://education.QuestDiagnostics.com/faq/FAQ164>)

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Vascular Disease

The vascular system is the body's network of blood vessels. It includes the arteries, veins and capillaries that carry blood to and from the heart. Problems of the vascular system are common and can be ... [See more](#)

10 YEAR ASCVD R... **3.6**
(%) Range: See Comments

10 YEAR ASCVD RISK

(%)

Result Comments

10-year ASCVD risk $\geq 7.5\%$ is considered elevated risk; 7.5% to 5% is intermediate risk; and $< 5\%$ is lower risk. Risk estimation using the Pooled Cohort Equations is valid for those free of clinical ASCVD; see

guidelines for ethnic group-specific considerations. [Stone et al. Circulation 2013 Nov 12; Goff et al. Circulation 2013 Nov 12].

10 YEAR ASCVD R... **15**
(%)

Range: See Comments

10 YEAR ASCVD RISK GOAL

(%)

Result Comments

This patient-specific 10-year risk goal is estimated using the patient's age, sex, and ethnicity and assumes optimal levels for other risk factors. [Stone et al. Circulation 2013 Nov 12].

LIFETIME ASCVD ... **50**
(%)

Range: See Comments

LIFETIME ASCVD RISK

(%)

Result Comments

Patient-specific estimated lifetime ASCVD risk. [Lloyd-Jones et al. Circulation 2006;113:791]. For comparison, the lifetime ASCVD risk of a 50 year-old with optimal risk factor levels would be 5% for men and 8% for women.

Other

Other

AFRICAN AMERIC... **NO**

Range: See Comments

AFRICAN AMERICAN

SYSTOLIC BLOOD ... **125**
(mmHg)

Range: See Comments

SYSTOLIC BLOOD PRESSURE

(mmHg)

TREATMENT FOR ... **NO**

Range: See Comments

TREATMENT FOR HIGH B.P.

DIABETES

NO

Range: See Comments

DIABETES

CURRENT SMOKE...

YES

Range: See Comments

CURRENT SMOKER

Uita Lab Tests
SAMPLE RESULTS