

— 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](#)

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.

APOLIPOPROTEIN...

140

(mg/dL)

Range: >114

APOLIPOPROTEIN A1

(mg/dL)



Result Comments

Reference Range > or = 115

Risk Category:

Optimal > or = 115

High <115

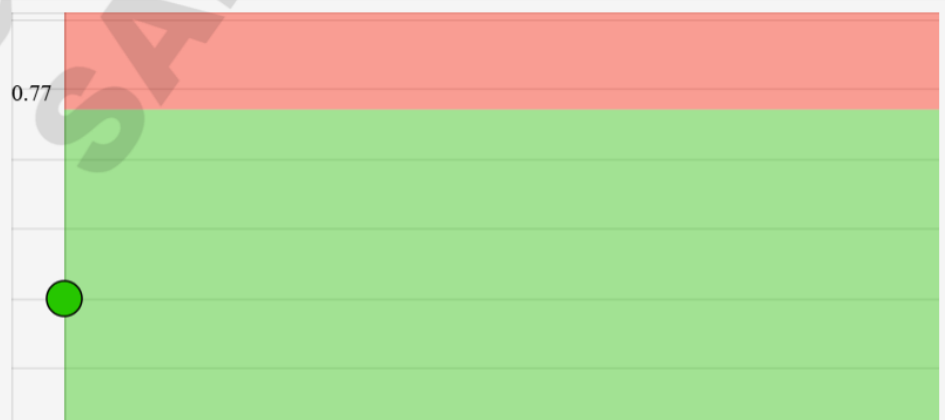
Cardiovascular event risk category cut points (optimal, high) are based on the AMORIS study, Walldius G et al. J Intern Med. 2004;255:188-205.

APOLIPOPROTEIN...

0.50

Range: <0.77

APOLIPOPROTEIN B/A1 RATIO



Reference Range <0.77

Risk Category:

Optimal <0.77
Moderate 0.77-0.95
High >0.95

Cardiovascular event risk category cut points (optimal, moderate, high) are based on the AMORIS study, (Walldius G, Jungner I. 2004 doi:10.1046/j.1365-2796.2003.01276.x)

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](#)

APOLIPOPROTEIN...
(mg/dL)

70

Range: <90

APOLIPOPROTEIN B

(mg/dL)



Result Comments

Reference Range <90

Risk Category:

Optimal <90
Moderate 90-129
High > or = 130

A desirable treatment target may be <80 mg/dL or lower depending on the risk category of the patient including patients on lipid lowering therapies, patients with ASCVD, diabetes with >1 risk factors, Stage 3 or greater CKD with albuminuria, or heterozygous familial hypercholesterolemia. ApoB relative risk category cut points are based on AACE/ACE and ACC/AHA recommendations (Grundy SM, et al. 2019. doi:10.1016/j.jacc.2018.11.002; Handelsman Y, et al. 2020. doi:10.4158/CS-2020-0490).