

Health Screenings

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 serious. Arteries can become thick and stiff, a problem called atherosclerosis. Blood clots can clog vessels and block blood flow to the heart or brain. Weakened blood vessels can burst, causing bleeding inside the body. You are more likely to have vascular disease as you get older. Other factors that make vascular disease more likely include; Family history of vascular or heart diseases, pregnancy, illness or injury, long periods of sitting or standing still, any condition that affects the heart and blood vessels, such as diabetes or high cholesterol, smoking and obesity.

Hide

TROPONIN T, HIG...
(ng/L)

<6

Range: <15

TROPONIN T, HIGH SENSITIVITY (HS TNT)

(ng/L)



Result Comments

Relative Risk: Optimal <6 ng/L; Moderate: Males 6-22 ng/L, Females 6-14 ng/L; High: Males: >22 ng/L, Females: >14 ng/L. Reference Range: Males <23 ng/L, Females <15 ng/L. High Sensitivity Troponin T (hs-TnT) levels exceeding the gender-specific 99th percentile upper reference limit (males >22 ng/L, females >14 ng/L) may indicate a recent acute myocardial infarction however, hs-TnT results should always be assessed in conjunction with the patients medical history, clinical examination, symptoms of cardiac ischemia, electrocardiogram results, and/or other cardiovascular disease (CVD) diagnostic findings. Elevations in hs-TnT can also be observed in other heart conditions. To distinguish between acute and chronic hs-TnT elevations, serial sampling and clinical correlation is recommended for interpretation. There is literature supporting any hs-TnT ≥ 6 ng/L confers increased CVD relative risk (Oluleye OW, et al. Ann Epidemiol. 2013;23(2):66-73; Seliger SL, et al. Circulation. 2017;135(16):1494-1505). For additional information, please refer to <https://www.clevelandheartlab.com/biotinFAQ/> (this link is being provided for informational/educational purposes only).