

# The clinical value of the Cardiovascular Inflammation Test



Hi, I'm Dr. Sodano, the director of clinical support and education at Evexia Diagnostics.



**KBMO**  
DIAGNOSTICS

As you most likely know, cardiovascular disease refers to coronary artery disease (CAD) which is also referred to as coronary heart disease (CHD), cerebrovascular disease, peripheral artery disease (PAD), and aortic atherosclerosis.

Cardiovascular diseases remain among the two leading causes of death in the United States since 1975 and is also the number one cause of death globally with an estimated 17.7 million deaths in 2015, according to the World Health Organization.

With this information in mind, aside from the Evexia Cardiovascular Panels, we also offer the KBMO Diagnostics dried blood spot test for Cardiovascular Disease called the Cardiovascular inflammation test. This uses dried blood spot technology. A sample of blood from the fingertip is placed on a test card.

Test Name	Optimal	Borderline	Increased Risk	Footnotes	Previous Results
<b>Lipid Tests</b>					
Total Cholesterol <sup>1</sup>	<200	<b>218</b> 200-240	>240 mg/dL	9	
Direct LDL-C <sup>1</sup>	<100	<b>108</b> 100-160	>160 mg/dL	9	
HDL-C <sup>1</sup>	>50	<b>49</b> 40-50	<40 mg/dL	9	
Triglycerides <sup>1</sup>	<150	<b>155</b> 150-200	>200 mg/dL	9	
Non-HDL-C	<130	<b>169</b> 130-190	>190 mg/dL	9	
ApoB <sup>1</sup>	<80	80-120	<b>139</b> >120 mg/dL	9	
Lp(a) <sup>1</sup>	<30	<b>33</b> 30-50	>50 mg/dL	9	
<b>Lipid Ratios</b>					
TC/HDL-C	<4	<b>4.4</b> 4-6	>6	9	
HDL-C/TG	>0.5	<b>0.32</b> 0.25-0.5	<0.25	9	
<b>Inflammation and Oxidation Tests</b>					
hs-CRP <sup>1</sup>	<1.0	1.0-3.0	<b>3.4</b> >3.0 mg/L	9	
<small>Interpretation: HIGH hs-CRP may indicate inflammation and may be associated with increased CVD risk.</small>					
<small>Consideration: Consider evaluating potential contributing CVD risk factors. Identify and treat underlying causes such as atherogenic lipoproteins. If indicated, control blood pressure, encourage smoking cessation and weight reduction.</small>					
<b>Metabolic Tests</b>					
HbA1c <sup>1</sup>	<b>5.6</b> <5.7	5.7-6.4	>6.4 %	9	
Glucose <sup>1, 2</sup>	<b>98</b> 70-99	100-125	<70 or >125 mg/dL	9	
<small>Interpretation: Based on the HbA1c value, the estimated Average Glucose (eAG) is 114 mg/dL which includes the non-fasting state.</small>					

Some of the advantages of this type of technology is that:

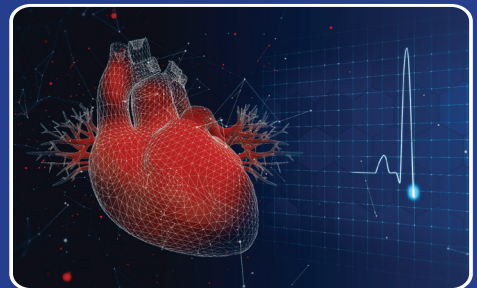
- A blood draw is not required
- The sample is stable at room temperature and can be shipped without ice.
- It can be performed in office or at home
- And the turnaround time as about the same as a venous blood.

This test is also great for monitoring treatment progress.

Treatment considerations based on lab test results are also provided on the end report.

## THE ANALYTES INCLUDED IN THE CARDIOVASCULAR INFLAMMATION TEST INCLUDE:

- Total Cholesterol (TC)
- Triglycerides (TG)
- Direct Low Density Lipoprotein Cholesterol



- High Density Lipoprotein Cholesterol
- The TC/HDL-C ratio, which is a stronger risk factor than either LDL-C or HDL-C.
- Lipoprotein(a), which is an independent risk factor for CVD
- Apolipoprotein B, which is a major protein in atherogenic particles. Stronger predictor of CVD than LDL-C
- The metabolic markers include homocysteine, HbA1c, and glucose
- The inflammatory marker, hs-CRP

Learn more about the KBMO Cardiovascular Inflammation Test by [clicking here](#).

Learn more about the Evexia Nutraceuticals by [clicking here](#).

To learn more about Evexia Diagnostics scan the QR Code.

Phone: 888-852-2723 | [EVEXIADIAGNOSTICS.COM](http://EVEXIADIAGNOSTICS.COM)



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# The clinical value of the Cardiovascular Inflammation Test



Here are some Evexia Nutraceuticals™ recommendations related to genetic risk conditions for your patients:

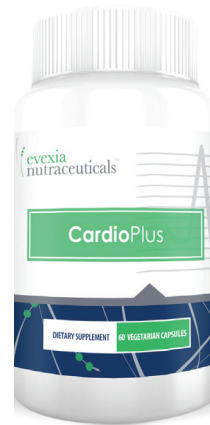
**CARIO PLUS**– Cardio Plus is a powerful combination of natural substances designed to provide nutritional support for cardiac and vascular health. This formula includes vitamin E isomers as delta and gamma tocotrienols, organic red yeast rice extract (Monascus purpurea), and lycopene with added lecithin for bioavailability.

**GLUCOBALANCE PLUS** – GlucoBalance Plus is ideal for supporting healthy insulin and glucose levels. This unique, synergistic formula combines standardized herbs and other botanicals that are shown to support healthy blood sugar through various mechanisms, including cinnamon, corosolic acid from banaba, isoflavones from kudzu, and ginsenosides from ginseng. It also contains berberine (Berberis aristata), a compound highly regarded for its efficacy in supporting healthy blood glucose regulation and insulin sensitivity.

**PRO-T ENZYMES** – Pro-T Enzymes is a blend of two very potent proteolytic enzymes, Nattozimes® and Serrazimes®. In various studies, these brand name enzyme products have been shown to have the same thrombolytic and fibrinolytic activities as the popular enzyme products nattokinase and serrapeptidase, and can support joint, circulatory, respiratory and immune health.

**HTPRO COMPLEX** – HTPro Complex contains nutrients that address various mechanisms to help promote healthy blood pressure. Bonito Peptides and Grape Seed Extract (Vitis vinefera) are included for their antioxidant activity, cardioprotective properties, and promotion of normal vascular tone

**PHYTOSTEROL PLUS** – Phytosterol Plus contains a phytosterol mixture of plant sterols/stanols shown to effectively support healthy cholesterol levels in the body.\*\* This mixture is from the non-GMO tall oil of the coniferous pine tree; and primarily consists of four major phytosterols: beta-sitosterol, campesterol (in the free sterol form, not as sterol esters), campestanol, and sitostanol.



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