

What is CholBiome® ?

Transforming the way cardiovascular health is approached, CholBiome® is a unique food supplement that combines three natural, science-backed ingredients to help maintain healthy levels of cholesterol.

How does it work?

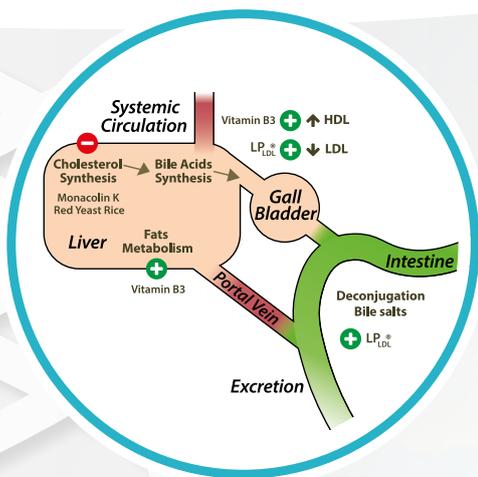
High levels of cholesterol are commonly treated with statins, which are known to be associated with a host of undesirable side effects. CholBiome® on the other hand works by modifying the individual's current microbiome in order to offer a natural, scientifically founded solution with no known side effects.

CholBiome® combines three targeted ingredients, monacolin K from red yeast rice, vitamin B3 (niacin) and *Lactobacillus plantarum* LP_{LDL}® to deliver tangible health benefits.

Monacolin K from red yeast rice contributes to the maintenance of normal blood cholesterol levels by inhibiting the synthesis of cholesterol by the liver. It is a natural product obtained via the fermentation of rice by the yeast *Monascus purpureus*, a Chinese traditional remedy for high cholesterol.

Vitamin B3 (niacin) helps to maintain a normal energy-yielding metabolism by modulating the degradation of fats in the cell.

CholBiome® mechanism of action:



A holistic alternative to pharmaceutical treatments, this innovative product helps to reduce blood pressure and cholesterol to promote overall heart wellness.

Lactobacillus plantarum LP_{LDL}® is a naturally-occurring bacterial strain which harnesses the microbiome-liver axis to modify the individual's current microbiome. It demonstrates an exceptional capacity to modulate the metabolism of bile acids, an activity which aids conditions such as high blood pressure and high cholesterol, as well as physiological processes including vitamin metabolism, glucose regulation and liver function.

Rigorous independent studies have shown LP_{LDL}® to:

- ⚡ Lower total cholesterol by up to 36.7%
- ⚡ Lower LDL cholesterol by up to 13.9%
- ⚡ Increase HDL cholesterol by up to 4.5%
- ⚡ Lower systolic blood pressure by 5.1%
- ⚡ Be completely safe and well tolerated



About Cholesterol & Cardiovascular Disease

Cardiovascular disease (CVD) is the global leading cause of death.

Cholesterol is necessary to build cells and hormones, but excessive cholesterol is associated with an increased risk of CVD. Of the two main forms of cholesterol, LDL is responsible for artery clogging – which can lead to CVD – and HDL helps to clear cholesterol from the blood. It is therefore important not only to keep healthy levels of total cholesterol, but also a good ratio of HDL vs. LDL.

Limiting dietary intake of cholesterol is important, however as the liver naturally produces a significant amount of cholesterol and complete eradication in food is impossible, additional measures are recommended. CholBiome® is an ideal solution.

To find out more about CholBiome® please contact OptiBiotix on:

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OptiBiotix Health plc is a life sciences company dedicated to the discovery and commercialisation of human microbiome modulators for the prevention and management of a range of health conditions.

Formed in 2012, everything we do is underpinned by science and based on human trials, allowing us to deliver quality ingredients and superior white label food and supplement solutions.

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