



# Cholesterol Balance

A multifaceted formula **for healthy lipid metabolism and arterial flexibility.** Combines plant sterols and bioactive compounds to support cardiovascular health without statin side effects.

# Key Benefits

1

## Cholesterol Regulation

Red Yeast Rice (natural statin), Berberine, Artichoke, and Policosanol help reduce total cholesterol, lower LDL, and support HDL function.

2

## Arterial Protection

Astaxanthin, CoQ10, Pine Bark, and Vitamin C help protect LDL particles from oxidation, a key step in atherosclerosis development.

3

## Lipid Metabolism

Bitter Melon, Arjuna, Gymnema, and Fenugreek support bile flow, insulin sensitivity, and hepatic lipid regulation.

4

## Blood Pressure Support

Hawthorn, Olive Leaf, Garlic, and Magnesium support vasodilation and reduce vascular tension.

Additional benefits include inflammatory modulation through Omega-3s, Holy Basil, Ginger, and Shiitake, plus essential nutrient cofactors for lipid synthesis including Vitamin B3 (niacin), Zinc, Vitamin K, and Folic Acid.

# What Makes This Formula Unique

## Plant-Based Statin Alternative

Red Yeast Rice and Policosanol combine for a natural HMG-CoA reductase–modulating effect, mimicking the lipid-lowering action of statins without muscle toxicity.

## Berberine's Dual Action

Acts as a lipid-lowering agent and insulin sensitizer, addressing the metabolic root of dyslipidemia and improving LDL receptor expression in the liver.

## Antioxidant-Rich Cardioprotection

Pine Bark, Rooibos, Astaxanthin, and Camu Camu protect vascular linings and prevent lipid peroxidation, supporting long-term cardiovascular integrity.



The formula also includes thyroid & metabolic support through Kelp, Bladderwrack, and Noni, plus a medicinal mushroom matrix of Shiitake, Chaga, and Oyster mushrooms that support cholesterol excretion and immune modulation.

Adaptogens for vascular resilience (Astragalus, Holy Basil, and Notoginseng) stabilize stress-related lipid fluctuations and enhance vascular tone.



# Stage-Based Analysis: How It Works

## Stage 1: 0-6 Hours

1

**Immediate Effects:** Lipid metabolism activation, bile stimulation, and vascular tone support.

**Key Ingredients:** Artichoke, Fenugreek, Cinnamon, Berberine, Garlic, Omega 3, CoQ10, Magnesium, Cayenne, and Vitamin C initiate bile flow, improve digestion of dietary fats, and reduce early-phase cholesterol absorption.

**Outcome:** Lower cholesterol uptake, smoother circulation, and more efficient post-meal fat metabolism.

2

## Stage 2: 6-24 Hours

**Sustained Effects:** Cholesterol synthesis reduction, liver support, and lipid profile balancing.

**Key Ingredients:** Red Yeast Rice, Berberine, Policosanol, Green Tea, Hibiscus, Mulberry Leaf, Gymnema, Vitamin B3, Folic Acid, and Olive Leaf sustain daily lipid balance and liver detox function.

**Outcome:** Reduced LDL, improved HDL, lowered triglycerides, and better daily lipid clearance via hepatic pathways.

# Long-Term Benefits

## Stage 3: Days to Weeks

1

**Adaptive & Cellular Effects:** Arterial elasticity, endothelial healing, and inflammation modulation.

**Key Ingredients:** Amla, Arjuna, Hawthorn, Pine Bark, Rosemary, Vitamin K, Zinc, Spermidine, Shiitake, and Royal Jelly enhance vascular resilience and modulate inflammation associated with atherosclerosis.

**Outcome:** Improved arterial function, reduced oxidative plaque formation, and healthier cholesterol particle behavior.

2

## Stage 4: Weeks to Months

**Long-Term Benefits:** Chronic inflammation reduction, cardiovascular longevity, and metabolic balance maintenance.

**Key Ingredients:** Astaxanthin, Chaga, Bladderwrack, Vitamin E, Vitamin A, Grape Seed, Noni, Oregano, and Kelp provide long-term vascular and metabolic protection against chronic cholesterol-related damage.

**Outcome:** Sustained LDL/HDL balance, reduced atherosclerosis risk, improved metabolic resilience, and long-term cardiovascular protection.

Recommended usage: 4 capsules per day (2 in the morning, 2 at night)

# Research-Backed Mechanisms

## **Red Yeast Rice, Berberine & Policosanol**

These ingredients lower LDL cholesterol by targeting cholesterol synthesis and uptake in the liver. Red Yeast Rice contains monacolins that inhibit HMG-CoA reductase, reducing LDL levels by 15-34%. Berberine enhances LDL receptor expression, increasing cholesterol uptake.

## **Astaxanthin, CoQ10 & Pine Bark**

This powerful antioxidant trio reduces LDL oxidation and protects vascular endothelium. Astaxanthin inhibits LDL oxidation, improves lipid profiles, and reduces atherosclerosis risk. Pine Bark extract protects against oxidative stress and inflammation.

## **Berberine, Gymnema & Bitter Melon**

These compounds regulate insulin sensitivity and triglyceride metabolism. Berberine improves insulin resistance and lowers triglyceride levels. Gymnema aids in reducing blood sugar levels, while Bitter Melon has glucose-lowering effects.

## **Mushrooms: Shiitake & Oyster**

These medicinal mushrooms reduce cholesterol by inhibiting both absorption and synthesis. Oyster mushrooms reduce cholesterol absorption by approximately 14% and decrease HMG-CoA reductase activity, leading to significant reductions in serum cholesterol levels.

# Comparative Analysis: Cholesterol Support vs. Competitor

## Cholesterol Support (Nueva Alma)

- Multi-pathway approach targeting synthesis, absorption, oxidation, inflammation, and circulation
- Comprehensive formula with botanicals, mushrooms, adaptogens, and micronutrients
- Includes CoQ10 to protect mitochondrial function
- Addresses both immediate and long-term cardiovascular health
- Supports liver function and lipid metabolism

## Competitor

- Single-ingredient approach focused only on Red Yeast Rice
- No CoQ10 to counteract potential statin-related side effects
- Lacks supportive botanicals, antioxidants, or adaptogens
- No systemic support for oxidative stress or liver function
- Not designed for multi-pathway lipid control

Cholesterol Support offers a holistic lipid management solution that treats dyslipidemia as a multifactorial condition involving inflammation, metabolism, and oxidative damage, while the competitor provides only short-term LDL control without addressing comprehensive cardiovascular health.



# Key Ingredients & Their Roles



## Amla Berry

Rich in vitamin C and polyphenols like emblicanin, which modulate lipid metabolism and antioxidant defenses. Clinically shown to lower total and LDL cholesterol while increasing HDL.



## Arjuna Bark

Contains triterpenoids and flavonoids that strengthen heart muscle and improve circulation. Reduces total cholesterol and triglycerides while supporting lipid clearance through enhanced heart function.



## Astaxanthin

Potent antioxidant that integrates into lipid membranes and reduces oxidative damage. Protects LDL from oxidation—a key factor in atherosclerosis development.

The formula contains over 40 synergistic ingredients, each selected for specific cardiovascular benefits. Together, they **provide rapid activation of bile flow and LDL-lowering enzymes, daily hepatic and metabolic modulation to balance lipid profiles, arterial protection, and long-term inflammation defense to prevent vascular aging.**