

# cholesterol clarity what the hdl is wrong with my numbers

## jimmy moore

Published: September 27, 2026 | Index ID: #-

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## Cholesterol Clarity: What the HDL Is Wrong With My Numbers – Jimmy Moore

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When you glance at a lipid panel, the numbers can feel like a cryptic code. Your total cholesterol, LDL, HDL, and triglycerides all appear in a neat table, but what does each figure really mean for your health? Why does your HDL sometimes sit in the “gray zone” that feels both reassuring and alarming? And how can you bring clarity to these numbers so you can make informed lifestyle choices?

In this comprehensive guide, we'll dive deep into the science of cholesterol, unpack the role of HDL, explore Jimmy Moore's practical approach to managing lipid health, and answer the burning question: **“What the HDL is wrong with my numbers?”** By the end, you'll have a clearer understanding of what your numbers really say and how to move forward with confidence.

### Understanding Cholesterol

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#### What Is Cholesterol?

Cholesterol is a waxy, fat like substance produced by the liver and found in certain foods. It's essential for building cell membranes, producing hormones, and aiding in digestion. However, when cholesterol levels become imbalanced, they can contribute to atherosclerosis, heart disease, and stroke.

#### Types of Cholesterol

Cholesterol is carried through the bloodstream in lipoproteins, which are particles that transport fats. The most commonly discussed lipoproteins are:

- LDL (Low Density Lipoprotein) – Often labeled “bad cholesterol,” LDL carries cholesterol from the liver to cells. High LDL levels can lead to plaque buildup in arteries.
- HDL (High Density Lipoprotein) – Known as “good cholesterol,” HDL helps remove excess cholesterol from the bloodstream and transports it back to the liver for disposal.
- VLDL (Very Low Density Lipoprotein) – Carries triglycerides, a type of fat, and can contribute to plaque formation.
- Triglycerides – The most common form of fat in the blood; high levels are associated with cardiovascular risk.

#### Why Cholesterol Matters

While cholesterol is vital for bodily functions, the balance between LDL, HDL, and triglycerides determines cardiovascular risk. A healthy lipid profile typically includes:

- LDL
- HDL > 60 mg/dL (protective)
- Triglycerides

These thresholds are general guidelines; individual goals may vary based on age, gender, medical history, and other risk factors.

# The Role of HDL

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## HDL Function

HDL particles act like scavengers, picking up excess cholesterol from arterial walls and transporting it back to the liver. This reverse cholesterol transport reduces plaque buildup and lowers the risk of heart disease.

## HDL Levels and Health

Unlike LDL, which is directly linked to plaque formation, HDL's protective role is more nuanced. Higher HDL levels are generally associated with lower cardiovascular risk, but the quality and functionality of HDL particles also matter. Some people with normal HDL numbers may still experience cardiovascular events if their HDL particles are dysfunctional.

## Jimmy Moore's Perspective

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### Who Is Jimmy Moore?

Jimmy Moore is a well known health coach, author, and former NFL player who has built a reputation for demystifying nutrition and fitness. His approach emphasizes simplicity, data driven insights, and sustainable lifestyle changes. He frequently discusses lipid health, especially how diet and exercise influence cholesterol numbers.

### Jimmy's Approach to Cholesterol

Jimmy Moore believes that the numbers on your lipid panel tell a story, but they're only part of the picture. He encourages:

1. Contextualizing Results: Looking at trends over time rather than a single snapshot.
2. Dietary Adjustments: Focusing on whole foods, healthy fats, and low processed carbohydrates.
3. Exercise: Combining resistance training with aerobic activity.
4. Monitoring: Rechecking lipid panels after major lifestyle changes.

### Key Takeaways

Jimmy Moore's key message is that you can improve your HDL and overall lipid profile by making intentional, sustainable changes. He also emphasizes that "what the HDL is wrong with my numbers" often reflects a misunderstanding of how HDL functions and how other factors—like inflammation or genetics—affect cholesterol dynamics.

## Decoding Your Cholesterol Numbers

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### What the HDL Is Wrong With My Numbers?

When people ask, "What the HDL is wrong with my numbers?" they're usually concerned that their HDL level falls into a gray zone. For example, an HDL of 45 mg/dL is not low enough to be considered a risk factor but also not high enough to be considered protective. The answer lies in understanding:

- The absolute value of HDL.
- The ratio of HDL to LDL.
- The overall health context (e.g., inflammation markers, lifestyle).

In many cases, a moderate HDL level paired with high triglycerides or LDL may still signal elevated risk. Conversely, a high HDL with a low LDL is often a sign of good cardiovascular health.

### Common Misconceptions

Many people believe that simply raising HDL will automatically reduce heart disease risk. However, recent research suggests:

- HDL quality matters more than quantity.
- Medications that raise HDL have not consistently shown cardiovascular benefit.
- Lifestyle factors, such as exercise and diet, can improve both HDL quantity and functionality.

## How to Read a Lipid Panel

A standard lipid panel includes:

1. Total Cholesterol – Sum of LDL, HDL, and a fraction of triglycerides.
2. LDL – Calculated using the Friedewald formula or directly measured.
3. HDL – Directly measured.
4. Triglycerides – Directly measured.
5. LDL/HDL Ratio – A useful indicator of cardiovascular risk.

When reviewing your panel, consider each component in relation to the others. For instance, a low LDL but also low HDL may still warrant attention if triglycerides are high.

## Interpreting HDL in Context

To truly understand HDL, look at:

- The ratio of HDL to LDL. A ratio  $> 0.5$  is generally favorable.
- The total cholesterol to HDL ratio. A ratio
- Your triglyceride level. High triglycerides can diminish HDL's protective effect.
- Your overall lifestyle (diet, exercise, smoking status).

By integrating these metrics, you can discern whether your HDL numbers are truly “wrong” or simply part of a broader picture that requires adjustment.

## Lifestyle Factors That Influence HDL

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### Diet

A balanced diet can positively influence HDL. Focus on:

- Healthy fats – Avocado, nuts, seeds, olive oil, fatty fish.
- Whole grains – Oats, quinoa, barley.
- Lean proteins – Chicken, turkey, plant based proteins.
- Fiber rich foods – Fruits, vegetables, legumes.
- Omega 3 fatty acids (salmon, mackerel, sardines).
- Monounsaturated fats (olive oil, nuts).
- Soluble fiber (oats, barley).
- Trans fats (fried foods, baked goods).
- High sugar foods and refined carbs.
- Excessive alcohol.

### Exercise

Regular physical activity improves HDL levels and overall lipid profile. Recommendations include:

- 150 minutes of moderate aerobic activity per week (e.g., brisk walking, cycling).
- Two days of resistance training to build muscle mass.

- High intensity interval training (HIIT) for short bursts of effort.

## Smoking and Alcohol

Smoking reduces HDL levels, while moderate alcohol consumption (up to one drink per day for women, two for men) can increase HDL. However, the benefits of alcohol are outweighed by its risks, so it's not a recommended strategy for raising HDL.

## Medications

Some medications can influence HDL:

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