

Hepatitis B

Disease Report

REPORT CATEGORIES —



IMMUNITY &
INFECTIONS



LIVER HEALTH

Sample Client

Report date: 15 January 2026

Powered by

 omicsege

Table of Contents

03 How this works

- 04 Impact
- 05 Evidence
- 06 Some things to keep in mind

07 Introduction

08 Your genetics

09 Your recommendations

24 Next Steps

- 24 Your Lab Results

Personal information

NAME

Sample Client

SEX AT BIRTH

Male

HEIGHT

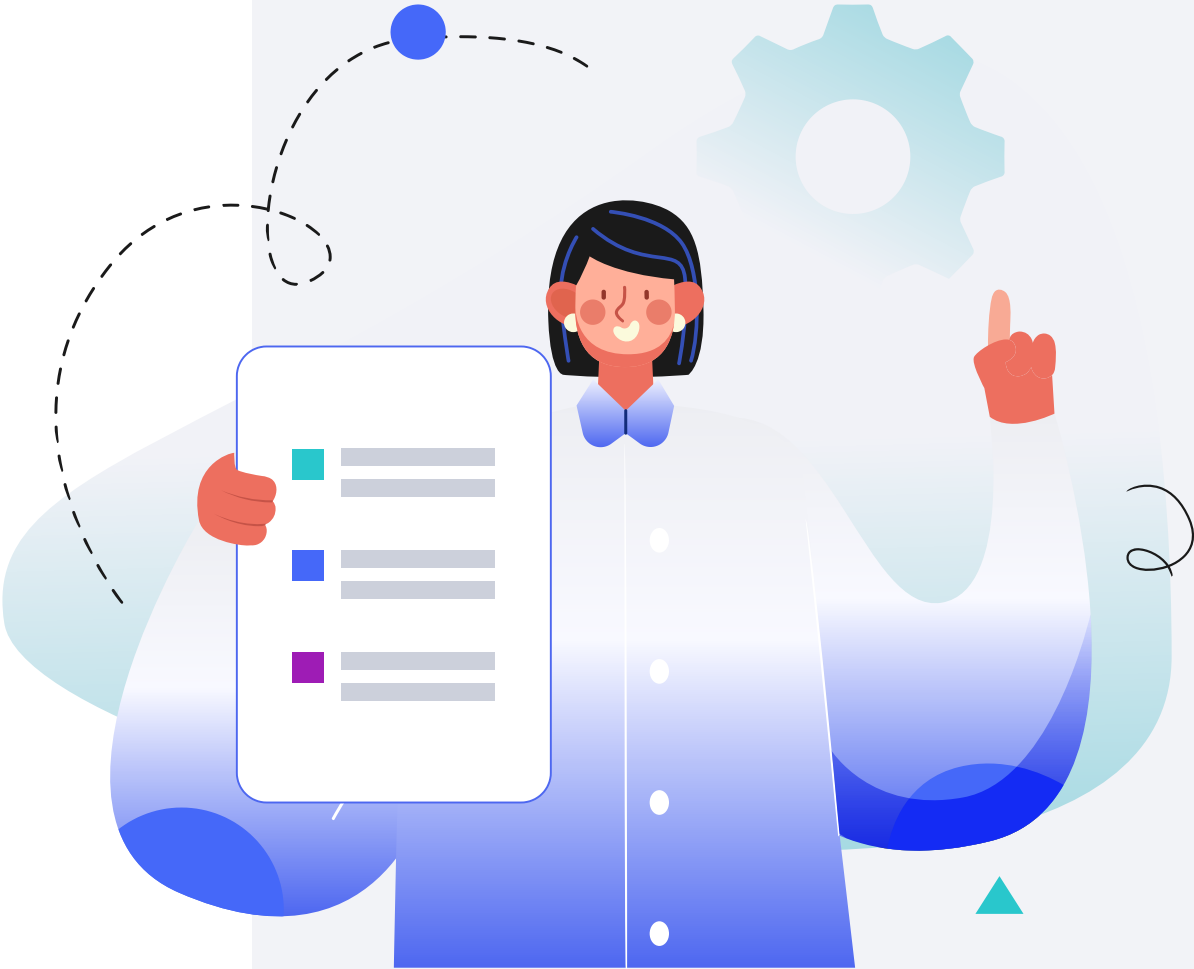
5ft 5" 165cm

WEIGHT

137lb 62kg

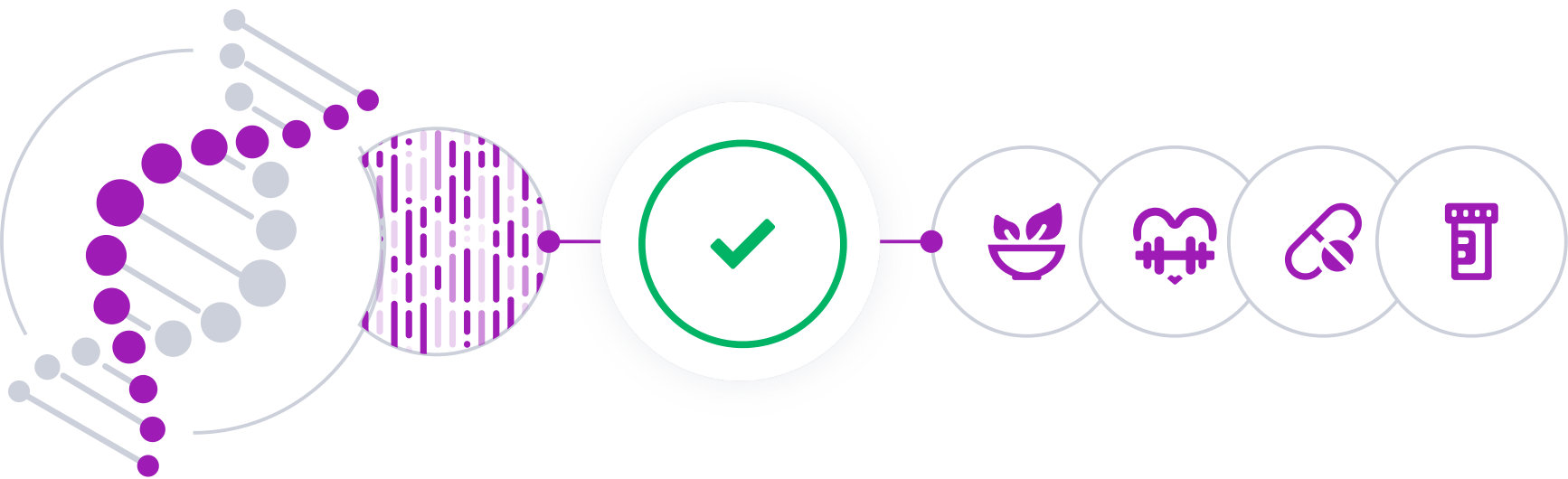
DISCLAIMER

This report does not diagnose this or any other health conditions. Please talk to a healthcare professional if this condition runs in your family, you think you might have this condition, or you have any concerns about your results.



How this works

Our Wellness Reports analyze how your DNA influences your health.
We then use this analysis to give you personalized risk estimates and recommendations.

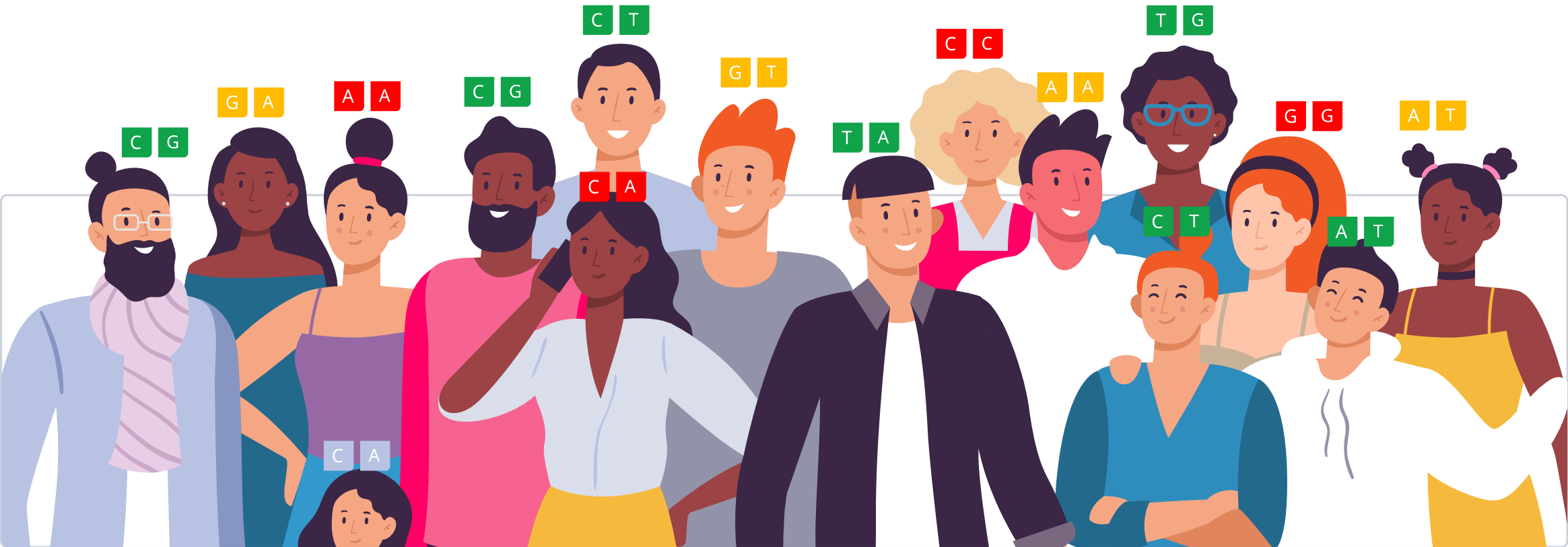


Similarly, our Trait Reports look at how your DNA influences your traits.



Your DNA is like an instruction manual — it contains a lot of information.
You can think of it as a blueprint for your body.

Genetic variants are parts of DNA that differ from person to person. Some can make you more vulnerable to certain health issues, while others may influence traits such as eye color.



We use artificial intelligence and machine learning to analyze all this information.
We then summarize your results as a risk score or display it on a gauge.

In total, we analyze up to 83 million genetic variants.

When we give a risk score, the risk icon tells you if you are at a higher or lower risk compared to other people:



Genotype color info:

AA

You don't have any risk alleles

AA

You have 1 risk allele

AA

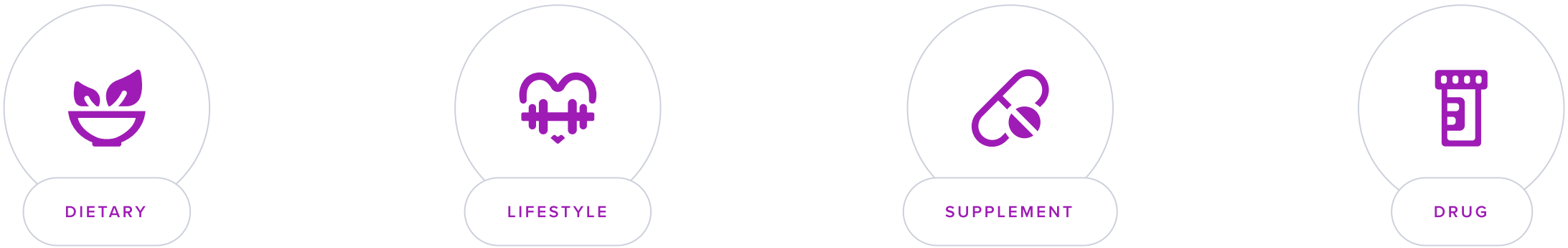
You have 2 risk alleles

Your risk is also displayed as a percentile. This will tell you how your risks compare to our sample population. The lower your percentile number, the lower your risk. The "50th percentile" would be an average risk.

Similarly, the gauge tells you your relative risk score compared to our sample population, or it indicates a specific trait or haplotype you are more likely to have based on your genetic variants.

When applicable, we also list top evidence-based recommendations that may help lower your risk. The focus is on recommendations that may be of benefit to you, based on your genetics.

Our recommendations come in four categories: lifestyle, diet, supplements and drugs.
The following icons tell you which category a recommendation falls into:



Our team of scientists also ranks each recommendation.
We rank based on impact and the strength of evidence in the medical literature.

Impact shows how strongly a recommendation will affect your health in a certain area.
Evidence is how much scientific support there is for the recommendation. Rankings are from 1 to 5 (low to high):



Impact

Impact scores range from 1-5. These scores reflect how much of an effect each recommendation can have. An impact score of 5 predicts the biggest effect.

When a recommendation affects something we can measure, we use those measurements to assign the impact score. For example, a recommendation that decreases cholesterol by 20% will have a higher impact score than one that decreases it by 5%.

Some recommendations affect things that we cannot directly measure, like stress or mood. For these, the impact score is based on how well they work relative to other recommendations and standard treatments. The best ones get the highest scores.

If there is a lot of research that shows a recommendation works especially well for your genotype, the impact score gets increased.

Recommendation Evidence

- 5 / 5
- Recommendations that are considered effective and generally recommended by experts and medical bodies.
-
- 4 / 5
- Recommendations that are considered likely effective and that have multiple independent meta-analyses and a great many studies supporting them.
-
- 3 / 5
- Recommendations that are considered possibly effective and have many studies supporting them
-
- 2 / 5
- Recommendations that have insufficient evidence, with two or several clinical trials supporting them, or many studies but with ambiguous results.
-
- 1 / 5
- Recommendations that have insufficient evidence, with a single clinical trial, or with many studies most of which didn't find support for the recommendation.
-
- 0 / 5
- No evidence in humans.

Genotype-specific Evidence

- High-quality
- Direct evidence that a recommendation helps more in people with your gene variant (many clinical trials, a few large clinical trials, or a meta-analysis).
-
- Medium-quality
- Direct evidence that a recommendation helps more in people with your gene variant (a few clinical trials or one large clinical trial).
-
- Low-quality
- Direct evidence that a recommendation helps more in people with your gene variant (a single clinical trial or more trials with inconsistent results).
-
- Indirect
- A recommendation may help more in people with your gene variant because it targets a specific gene or protein affected by your variant (e.g., MTHFR, dopamine).
-
- In theory
- A recommendation may help more in people with your gene variant because it targets a specific mechanism affected by your variant (e.g., inflammation, oxidative stress).

Some things to keep in mind:

- Genetics doesn’t play a considerable role in a condition or a trait.
- There is not enough research available to estimate a genetic predisposition.
- There are technical limitations to estimating or presenting a genetic predisposition.
- The topic is sensitive, and a genetic predisposition should only be estimated and presented by a healthcare professional.

Introduction

Hepatitis B is a viral infection that attacks the liver and can cause both acute and chronic disease. The virus is transmitted through contact with the blood or other body fluids of an infected person.

Often, it can be spread through sexual contact, the sharing of needles, syringes, or other drug-injection equipment, or from mother to child at birth. Not everyone shows symptoms, but acute illness may include symptoms like fever, fatigue, loss of appetite, nausea, vomiting, abdominal pain, dark urine, clay-colored bowel movements, joint pain, and jaundice (yellowing of the skin or eyes).

Complications and Treatment

Chronic hepatitis B can lead to serious issues such as cirrhosis and liver cancer, greatly impacting long-term health and life expectancy. Long-term infection can cause liver scarring (cirrhosis) and may eventually progress to liver failure or liver cancer, requiring liver transplantation in severe cases. Vaccination for hepatitis B is widely available and offers the most effective protection.

Treatment for chronic hepatitis B aims to control the replication of the virus and to prevent progression to more serious diseases, using antiviral medications that patients may need to take for life. Lifestyle changes, regular monitoring, and medical care are also essential parts of managing the condition.



TYPICAL LIKELIHOOD

Typical likelihood of hepatitis B based on 376,144 genetic variants we looked at

Your top variants that most likely impact your genetic predisposition:

GENE	SNP	GENOTYPE
HLA-DPB1	rs9277535	AA
HLA-DQB2	rs7453920	AG
MICB	rs2853953	AG
HLA-DPA1	rs3077	AG
HLA-DQB1	rs2856718	TC
TCF19	rs1419881	GG
CD40	rs1883832	TC
HLA-C	rs3130542	GA
CFB	rs12614	CC
NOTCH4	rs422951	TT
HLA-DOA	rs378352	GG
C4A	rs652888	AA

The number of "risk" variants in this table doesn't necessarily reflect your overall result.

Your Recommendations

Your recommendations are prioritized according to the likelihood of it having an impact for you based on your genetics, along with the amount of scientific evidence supporting the recommendation.

You’ll likely find common healthy recommendations at the top of the list because they are often the most impactful and most researched.

		DOSAGE			DOSAGE
1	Milk Thistle (Silymarin)	300 mg	2	Retinyl Palmitate	
3	Spirulina	500 mg	4	Thymus Glandular	
5	Vitamin E	200 iu	6	Avoid Lead Exposure	
7	Cordyceps	500 mg	8	Salvia Miltiorrhiza	
9	Hydrogen Water		10	Zinc	15 mg
11	Good Oral Hygiene	2 minutes	12	Green Tea	400 mg
13	Avoid Exposure To Organic Solvents		14	Safer Sex Practices	
15	Avoid Illicit Drugs		16	Probiotic Yogurt	

1



Milk Thistle (Silymarin)

IMPACT2 / 5

EVIDENCE2 / 5

How to implement

Take a 300 mg milk thistle (silymarin) supplement daily with water, preferably with a meal for better absorption. Continue this regimen as advised by your healthcare provider.

TYPICAL STARTING DOSE

300 mg

Description

Silymarin is a natural plant extract derived from the milk thistle plant (*Silybum marianum*). It has been traditionally used for its potential anti-inflammatory and liver-protective properties. Silymarin consists of several flavonolignans, including silybin, silydianin, and silychristin.

Milk thistle (*Silybum marianum*) is a purple flowering plant in the daisy family. Traditionally, it has been used for liver problems. Some people also eat the leaves in salads [\[R\]](#), [\[R\]](#).

The extract of milk thistle is called *silymarin* [\[R\]](#), [\[R\]](#), [\[R\]](#).

People use milk thistle to help with [\[R\]](#), [\[R\]](#), [\[R\]](#):

- Liver problems
- Blood sugar control
- Indigestion
- Skin problems

How it helps

A [Cochrane review of 18 trials and 1088 patients with alcoholic and/or hepatitis B or C virus liver diseases](#) concluded that silymarin supplementation **reduces liver mortality (except in high-quality trials) but has no effect on overall mortality, complications of liver disease, or liver histology** [\[R\]](#).

In patients with hepatitis B, silymarin is **as effective as antiviral or liver protection drugs at improving serum transaminases, viral load, and hepatic fibrosis markers**, while its **combination with these drugs improves transaminases, hepatic fibrosis markers, and serum TGF-β1, TNF-α, and IL-6 better than the drugs alone** according to a [meta-analysis of 12 trials](#) [\[R\]](#).

2



Retinyl Palmitate

IMPACT

1 / 5

EVIDENCE

2 / 5

How to implement

Take retinyl palmitate as a dietary supplement, usually found in capsule or liquid form. For general health and to support Vitamin A levels, adults can take 2500 to 5000 IU daily with a meal that contains fat (for better absorption). Do not exceed the recommended dose without medical advice, especially if pregnant or planning to become pregnant.

Description

Retinyl palmitate is a fat-soluble form of vitamin A that is essential for good vision, skin, and immune function. It has also been shown to have some anticancer properties.

How it helps

In people with chronic hepatitis B, supplementation with 50,000 IU/day retinyl palmitate may lower TNF-alpha levels [\[R\]](#).

3



Spirulina

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Take 1-8 g of spirulina supplements daily, preferably with a meal to enhance absorption.

TYPICAL STARTING DOSE

500 mg

Description

Spirulina is a blue-green algae. It is rich in nutrients like protein, vitamins, and minerals, particularly vitamin B12 and iron, and is a source of antioxidants, chlorophyll, and phycocyanin. It can be found in powdered or tablet form as a supplement, and is often used to boost energy, support the immune system, and enhance overall nutrition. Additionally, spirulina.

[Spirulina](#) is a supplement made from blue-green algae that grows in fresh and marine water [\[R, R\]](#).

Dried spirulina is up to 70% protein. It’s also rich in vitamins, antioxidants, and healthy fats. This makes it a great source of nutrition for both people and livestock [\[R, R, R\]](#).

People use spirulina supplements to reduce [\[R, R\]](#):

- Cholesterol
- Blood pressure
- Blood sugar

How it helps

In a [placebo-controlled trial of 60 patients with chronic hepatitis B](#), supplementation with spirulina (3-6 g/day) for 6 months **decreased HBsAg, TNF-alpha, IL-6, hepatic fibrosis, and steatosis, while increasing IFN-gamma** [\[R\]](#).

4



Thymus Glandular

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Take a thymus glandular supplement, usually found in capsule form, once daily with a meal. It is commonly recommended to follow the dosage instructions on the product label or as directed by a healthcare professional. Continue as long as recommended in the guidance you receive.

Description

Thymus extract is derived from the thymus gland of animals and may contain bioactive compounds believed to support the immune system. It's used in some dietary supplements for potential immune-modulating effects.

How it helps

In a double-blind trial, 50 inpatients with acute type B hepatitis were studied. Those receiving thymomodulin showed accelerated liver enzyme decrease and earlier HBsAg clearance, with significant ALT reduction ($p < 0.02$). The treated group exhibited increased T4+/T8+ ratios ($p < 0.005$) [\[R\]](#).

5



Vitamin E

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Take 200 IU of Vitamin E daily as a supplement, preferably with a meal that contains fat to enhance absorption.

TYPICAL STARTING DOSE

200 iu

Description

Vitamin E is a fat-soluble antioxidant found in various foods, such as nuts and seeds. It is known for its ability to protect cells from oxidative damage, support immune function, and may play a role in skin health. Vitamin E supplements are used to bolster antioxidant defenses and may be beneficial for conditions related to oxidative stress.

[Vitamin E](#) is an antioxidant important for the immune system and for heart health [\[R\]](#).

Plant-based foods have the most vitamin E. These include [\[R\]](#):

- Wheat germ
- Sunflower seeds
- Almonds
- Plant oils

Adults need about **15 mg** of vitamin E per day [\[R\]](#).

How it helps

A pilot study on 32 chronic hepatitis B patients found that 3-month vitamin E supplementation led to significant improvements in ALT normalization and HBV-DNA negativization compared to no treatment, suggesting potential therapeutic benefits [\[R\]](#).

6

Avoid Lead Exposure

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Prevent lead exposure by using cold water for drinking and cooking, regularly cleaning dust from windowsills and floors, and ensuring that your home's paint is not chipping if it was built before 1978. For occupations involving potential lead exposure, use protective gear and follow safety protocols. Test your home for lead if it's old or you're concerned about contamination.

Description

Lead is a heavy metal. It is naturally found in the environment in small amounts [\[R, R\]](#).

Exposure to lead can cause it to build up in the body. A buildup of lead can contribute to oxidative stress and cell damage. This is called **lead poisoning** [\[R, R\]](#).

Lead is no longer used in the manufacturing of some products like gasoline and paint. However, it can still be found in some pipes, batteries, and the wall paint of older homes [\[R, R, R\]](#).

How it helps

A study of 15,097 associated high blood lead levels with hepatitis B-positive status. The association was stronger in older adults, men, those with lower education or income, and certain demographics [\[R\]](#).

7



Cordyceps

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Take 500-1000 mg of Cordyceps extract in supplement form once daily, preferably with a meal to enhance absorption. This dosage is commonly recommended for general wellness and should be continued on a long-term basis, as effects accumulate over time.

TYPICAL STARTING DOSE

500 mg

Description

Cordyceps is a type of medicinal mushroom known for its potential to boost endurance and enhance respiratory function. It's used in traditional medicine and dietary supplements to support physical performance and overall vitality.

[Cordyceps](#) are a group of fungi (mushrooms) that grow on insects. Some species, like *O. sinensis* and *C. militaris*, are used in supplements [\[R\]](#).

O. sinensis grows on a moth caterpillar. Extracts and teas made from the fungus-caterpillar combination are often used in traditional Chinese medicine. They are thought to boost sex drive, reduce fatigue, and support kidney health [\[R\]](#), [\[R\]](#), [\[R\]](#).

How it helps

In a [non-placebo-controlled trial of 60 patients with chronic hepatitis B](#), supplementation with cordyceps (24x/day for 6 months) **lowered liver fibrosis and inflammation, as well as serum ALT, AST, HA, PC-III, and LN levels** [\[R\]](#).

8



Salvia Miltiorrhiza

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Take 200-600mg of Salvia miltiorrhiza extract in capsule or tablet form daily, divided into two or three doses. This should be taken with water, preferably 30 minutes before meals. Continue for a period of 8 to 24 weeks for noticeable effects.

Description

Salvia miltiorrhiza, also known as Danshen, is a traditional Chinese medicinal herb. It is primarily used for its potential cardiovascular benefits, including improving blood circulation and reducing the risk of heart-related conditions. It contains various compounds, including tanshinones and salvianolic acids.

How it helps

In a non-placebo-controlled trial of 90 hepatitis B-positive subjects, supplementation with Salvia miltiorrhiza helped restore normal ALT levels and reduce antibodies against the virus. Its combination with *Polyporus umbellatus* polysaccharide was more effective [\[R\]](#).

9



Hydrogen Water

IMPACT

1 / 5

EVIDENCE

1 / 5

How to implement

Drink 1.5 to 2 liters of hydrogen-rich water daily, spread out over the course of the day. It is best to start with a lower volume and gradually increase it to allow your body to adjust. This practice should be continued daily as a part of your lifestyle to maintain its potential benefits.

Description

Drinking hydrogen-rich water is believed to have antioxidant properties and may help combat oxidative stress in the body. Some studies suggest it could potentially support overall health and well-being.

How it helps

Sixty CHB patients underwent routine or hydrogen treatment for 6 weeks. Hydrogen treatment notably reduced oxidative stress, improved liver function, and reduced HBV DNA levels compared to routine treatment [\[R\]](#).

10



Zinc

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Take a 15 mg zinc supplement daily, ideally with a meal to enhance absorption.

TYPICAL STARTING DOSE

15 mg

Description

Zinc is an essential mineral found in various foods, including meat, dairy, and nuts. It is crucial for immune function, wound healing, DNA synthesis, and maintaining healthy skin and nails. Zinc supplements are sometimes used to support immune health and manage zinc deficiencies.

[Zinc](#) is an essential mineral. Your body needs it to [\[R\]](#), [\[R\]](#):

- Defend against disease
- Protect DNA from damage
- Heal wounds
- Control blood sugar

Some of the best sources of zinc include **shellfish, pork, beef, and beans**. It is also available as a supplement [\[R\]](#).

Adults should get **8-11 mg of zinc** per day [\[R\]](#).

How it helps

Zinc supplementation has been found to have a positive effect on liver health, particularly in viral hepatitis. Zinc helps by boosting the immune response, which can be beneficial for fighting off infections like hepatitis B. Additionally, zinc may help reduce liver inflammation and damage, supporting overall liver function in individuals with hepatitis B.

11



Good Oral Hygiene

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Brush your teeth at least twice a day for two minutes each time using fluoride toothpaste. Floss daily to remove plaque from places your toothbrush can't reach and consider using mouthwash. Visit your dentist at least twice a year for professional cleanings and checkups.

TYPICAL STARTING DOSE

2 minutes

Description

Good oral hygiene, which includes regular brushing, flossing, and dental check-ups, is crucial for preventing tooth decay, gum disease, and maintaining overall oral health. A healthy mouth contributes to overall well-being and can prevent dental issues that may impact systemic health.

Oral hygiene refers to practices that keep the mouth healthy. Good habits include [R](#), [R](#):

- Gently brushing the teeth and tongue for two minutes, at least twice a day
- Flossing daily
- Using a toothpaste with fluoride and a soft toothbrush
- Replacing a worn toothbrush at least every 3 months

To help maintain good oral hygiene, it is also important to regularly see dental professionals. They can help prevent and address issues with your teeth and gums.

How it helps

Good oral hygiene is crucial for individuals with hepatitis B to prevent additional infections. Since the liver is responsible for fighting infections, maintaining oral health reduces the risk of complications.

12



Green Tea

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Consume 400 mg of green tea extract daily. This can be taken in the form of capsules or tablets available that specify the amount of green tea extract. Ensure the supplement is taken according to the product's specific instructions, usually once a day with water.

TYPICAL STARTING DOSE

400 mg

Description

Tea is a beverage made by steeping the leaves of the *Camellia sinensis* plant in hot water. It comes in various types, including black, green, white, and herbal teas, and is known for its diverse flavors and potential health benefits due to antioxidants and other bioactive compounds.

[Green](#) and black tea are made from the same plant (*Camellia sinensis*). This plant is processed in different ways to make each type of tea [\[R, R\]](#).

Tea contains antioxidants called **flavonoids**, which may help prevent [\[R, R, R, R\]](#):

- Heart disease
- Cancer
- Diabetes

How it helps

Green tea is rich in antioxidants, particularly catechins, which have been shown to have antiviral effects against hepatitis B. These antioxidants can help reduce liver inflammation and damage, potentially improving liver health in those with the condition.

13



Avoid Exposure To Organic Solvents

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Ensure to work in well-ventilated areas and wear protective gear when handling products like paints, varnishes, and adhesives. When possible, choose solvent-free or water-based products to minimize exposure. Regularly check labels for any solvents listed and strive to limit their use in both personal and professional settings.

Description

Avoiding exposure to organic solvents, commonly found in paints, adhesives, and cleaning products, can protect against the potential health risks associated with inhalation or skin contact, such as respiratory issues and skin irritation.

Organic solvents are used in various industries and workplaces for tasks like cleaning, painting, and manufacturing.

However, their use can be hazardous to workers' health. Exposure to these solvents can lead to problems such as breathing difficulties, skin irritation, and reduced fertility [R].

How it helps

Organic solvents can be harmful to the liver. Avoiding exposure to these chemicals reduces the risk of further liver damage in people with hepatitis B.

14



Safer Sex Practices

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Use latex condoms every time you have vaginal, anal, or oral sex. Reduce the number of sexual partners you have, and get tested regularly for sexually transmitted infections (STIs), ideally every 3 to 6 months if you're sexually active with new or multiple partners.

Description

Safer sex practices refer to using barrier methods like condoms or dental dams during sexual activity to reduce the risk of sexually transmitted infections (STIs) and unintended pregnancies. They are essential for promoting sexual health and preventing the transmission of STIs.

Safer sex practices help reduce the risk of chlamydia and other STDs. They include [R](#), [R](#):

- Using a condom for all types of sex
- Limiting the number of sex partners (ideally to one)
- Discussing past partners, STDs, and drug use
- Avoiding alcohol and drug use
- Avoiding douching after intercourse
- Getting regular screenings

Using a condom helps prevent chlamydia in men and women. A **combination of male and female condoms** may be the safest option [R](#), [R](#).

Women using **birth control pills** may have **3 times higher** risk of chlamydia compared to those using condoms [R](#).

In men who have sex with men, using **pre-exposure prophylaxis (PrEP) for HIV** may be linked to **11 times higher** risk of chlamydia. Reduced condom use may be one of the reasons for this rise [R](#), [R](#), [R](#).

Men who go to sex workers may have a **2.5 times higher** risk of chlamydia [R](#).

How it helps

Hepatitis B is a sexually transmitted disease. Using protection and engaging in safer sex practices help prevent the spread of the virus to others.

15



Avoid Illicit Drugs

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Refrain from using any illegal substances, including but not limited to, narcotics, stimulants, hallucinogens, and cannabis where it's not legalized. This means not purchasing, possessing, or consuming these substances in any form or amount. Commit to this practice indefinitely for long-term health benefits.

Description

Avoiding the use of illicit drugs is essential for preserving physical and mental health, as these substances can lead to addiction, mental health disorders, and other physical health issues. Abstaining from their use supports a safer and healthier lifestyle.

Illicit drugs are highly addictive, illegal drugs. Examples include **marijuana, cocaine, meth, and MDMA (ecstasy)**. The term can also refer to a non-medical use of drugs that are legally available (e.g., medical marijuana in some countries and states) [\[R\]](#).

Illicit drug use can have a **devastating impact on all aspects of your health and wellbeing**. It can lead to [\[R\]](#):

- Dependence and addiction
- Injury and accidents
- Health and sleep problems
- Problems in family and social life

How it helps

Illicit drug use can lead to behaviors or practices that increase the risk of virus transmission and can directly damage the liver, worsening hepatitis B outcomes.

16



Probiotic Yogurt

IMPACT

0 / 5

EVIDENCE

0 / 5

How to implement

Consume one to two servings of probiotic yogurt each day. Each serving is typically 6 to 8 ounces. Continue this practice daily for at least 1 to 2 weeks to begin noticing benefits to digestive health.

Description

Probiotic yogurt is a dairy product containing live probiotic cultures like Lactobacillus and Bifidobacterium, which can aid digestion and improve gut health when consumed regularly. It is a good source of calcium, protein, and probiotics, contributing to bone health and digestive well-being.

How it helps

Probiotic yogurt contains beneficial bacteria that can improve gut health. A healthy gut may support the immune system, potentially helping the body manage and fight against infections such as hepatitis B by reducing inflammation and enhancing the body's antiviral defenses.

Next Steps

Remember, your genes only tell one important part of your health story!

Now that you've seen your DNA-based results for this health topic, let's take a look at other contributing factors.

Your lab results

Your lab results are impacted by the combined effect of your genes, environment and lifestyle.

Lab tests will give you the best picture of your current health status, while your genes provide insight into your health predispositions and which recommendations are best for you.

	Hep B Surface Ab, Qual		Reactive Non-Reactive	29 Aug 2025
	ALT	26 IU/L		9 Nov 2025
	AST	17 IU/L		9 Nov 2025
	GGT	9 IU/L		9 Nov 2025
	Bilirubin, Direct	0.3 mg/dL		9 Nov 2025
	Bilirubin, Total	1 mg/dL		9 Nov 2025