

BetaGlucan

Certified pure and Active

A Daily Dietary Supplement for the Immune System



Glucan 300® :

Highest purity of Beta 1,3D Glucan.

Derived from cell wall of *Saccharomyces cerevisiae*.



BetaGlucan benefits:

- ◆ Safe, non-toxic, and natural
- ◆ Supports white blood cells (macrophages, natural killer (NK) Cells, T-Cells and neutrophils)
- ◆ Helps to maintain immune system
- ◆ Helps to maintain a healthy immune response
- ◆ Exercise fatigue recovery time improvement
- ◆ Age-defying radiance
- ◆ May protects against free radicals
- ◆ May helps to maintain joint health
- ◆ May helps to maintain a healthy cardiovascular system - a biological vehicle.

BetaGlucan Key Ingredients:

Beta 1,3D glucan is highly purified; over 85% pure with certified 1,3/1,6 glucan content.

Facts about the Immune System:

- ◆ Immune system is made up of over one trillion white blood cells. Why so many? They are responsible for the maintenance and protections of every other cell in the entire body.
- ◆ The aging rate depends upon, in part, the state of your immune system. A healthy immune system can lead to a slower aging rate and a better quality of life.

What is BetaGlucan?

Beta 1,3D glucan is the sole active ingredient of BetaGlucan. Beta Glucan is derived from cell wall of *Saccharomyces cerevisiae* (Baker's yeast) that makes it the precise substance for which the actual glucan macrophage receptor has been identified. Beta 1,3D glucan is technically referred to as poly- branched poly-glucose, also referred to as Fiber in short.

Is it safe? Are there any known toxicities? What about yeast allergies? What about drug reactions?

This material is likely safer than the water you drink from the tap at home. *Saccharomyces cerevisiae* extracts carry a G.R.A.S. Rating (Generally Recognized As Safe). Because our beta glucan is highly purified, the yeast proteins that might cause distress to some are removed. There are no known contraindications with drugs, but we encourage all persons to consult with an appropriate health care professional when considering any/all dietary supplements.

It is All-Natural?

Yes. The raw materials are also free from chemicals, metals, and pesticides.

Why should an immune system dietary supplement be used?

The first thing that anyone should consider in a health regimen is an immune modulator /potentiator. If you accept the fact that dietary supplements will help to build healthy bone and tissues, then you would probably accept that an immune system supplement will help you to enjoy a well-functioning body during a long, healthy life.

Can BetaGlucan expand or create an autoimmune problem (i.e., diabetes, lupus, sarcoid, etc)?

No. BetaGlucan does not create a danger. Considerable peer reviewed data indicates the fact that Beta 1,3D glucan can be used quite safely by everyone.

How does BetaGlucan differ from other supplements?

Vitamins & minerals are often purchased to enhance building of healthy bone & tissues. Ironically, tissues cannot protect or repair your body without competent immune response. Think of BetaGlucan as your one-a-day for the best immune system you can ever have.

Is there scientific support for these materials?

Hundredths of scientific studies originating from such prestigious institutions as Tulane, Harvard, and the U.S. Armed Forces attest to the safety and efficacy of Beta 1,3D glucan.

How do these materials work in the body?

There are key immune cells in the body that do very specialized tasks. They include: T-cells, neutrophils, natural killer (NK) cells and macrophages. The surface of these cells become activated when the molecules from beta glucan comes into contact with them. Research from many well-known institutions has helped us clearly understand the role of these glucose and mannose receptors. Responses and the cascade of immunological events that occur continue to be studied and will be reported as they are published in the medical journals.

Does it cross the blood-brain barrier?

BetaGlucan does not produce any type of adverse chemical or drug effect. BetaGlucan goes into the lymph and blood, it potentiates, modulates and causes a response to be affected by its proximity to certain white blood cells. After that, the white blood cells take over by producing cytokines (emails & fax messages), and “turn on” other cells, including those in the brain, to function properly and effectively.

Are these ingredients available from other sources (i.e. oats, barley, special diets, etc.)?

Though “beta glucans” are found in a variety of sources, the peer-reviewed data is explicit in what will or will not enhance immune response. Even though certain companies’ marketing copycat products make claims to the contrary, but they would never be able to produce assays, credentialed sources, or peer reviewed data that could support their claims. Such a snake oil and charlatan’s push should be prudently avoided.

What is the recommended serving size for BetaGlucan?

For the average adults, they should use two capsules daily on an empty stomach and wait 30 minutes before food-intake; or else they should always follow the instructions from a qualified, licensed medical professional.

Does BetaGlucan contain any additives?

Even though these ingredients themselves are very complex materials containing a wide variety of biological, active substances, we do not employ any unlisted compounds in the capsules.

How can you say that you have used the best ingredients?

We took great pain and great expenses to employ prominent outside laboratories and hired well-known universities to help us to qualify and quantify our products. This would assure every customer a safe and reliable serving every time.

Why would a person want to use BetaGlucan?

Living on this planet possesses countless challenges that are affecting our body every minute. Just as a person requires clean air to breathe, good water to drink, sunlight and nourishment – one cannot achieve maximum longevity without a well-functioning immune system. Even for those people who eat well and exercise, they may have also been experiencing micro-injuries & oxidative stress; they would require daily supplements support. At the very least, people should concern with their aging process. BetaGlucan is exactly the ideal dietary supplement to facilitate the immune system performing at its best.

**These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.*