FAQ Sheet for *ImmuniPro™* with Beta 1, 3-D Glucan #300

(Important Details)

**FAQ #1**

**Q: What is *ImmuniPro™* with beta glucan #300?**

**A:** Beta glucan #300 is a natural long-chain polysaccharide molecule purified from cell walls of baker’s yeast. LifeSpan’s *ImmuniPro™* contains Beta 1, 3-D Glucan #300 in an intensely purified, biologically active complex of beta glucans. It is the distinct active ingredient in our *ImmuniPro™* capsules. Our Beta 1, 3-D Glucan is readily taken up and converted in the body into a form which is specific to a site on all immune cells that have a CR3 receptor, e.g. macrophages, neutrophils, eosinophils, monocytes, and NK cells. These immune cells make up a large majority of the immune system’s main defense mechanism. Technically, Beta 1, 3-D Glucan #300 is a poly-branched, poly-glucose complex fiber-like particle that when converted, yields a biologically active beta glucan that is specific to immune cell receptors CR3, mac-1, CD11/CD18.

**FAQ #2**

**Q: What does beta glucan #300 do?**

**A:** LifeSpan’s Beta glucan #300 enhances the immune system by improving the immune response when the immune system is confronted with a foreign body it sees as non-self. (i.e. viruses, bacteria, fungi, cancer, parasites, etc.) Our Beta 1, 3-D Glucan #300 is an intensely purified, highly biologically active form of beta glucan. During absorbed and conversion, Beta 1, 3-D Glucan #300 attaches to specific sites on all immune cells that have CR3 receptors. By attaching, or binding, to these specific sites, beta glucan #300 puts these immune cells on ‘high alert’ to foreign bodies they see as non-self. This process is called *immune modulation*. Research shows our Beta 1, 3-D Glucan #300 is a highly effective immune modulator. It is easily absorbed through the Peyer’s Patches in the small intestine and rapidly converted into a form of beta glucan which binds to immune cell receptor sites CR3, mac-1, CD11/CD18.
FAQ #3

Q: Will beta glucan cause a yeast infection or yeast allergy, or make either worse?
A: No. Our Beta 1, 3-D Glucan #300 is intensely purified from baker’s yeast (Saccharomyces cerevisiae) and does not contain enough yeast proteins to cause an allergic reaction. Also, our beta glucan #300 is not live yeast, therefore it cannot cause or aggravate a yeast infection. Our Beta 1, 3-D Glucan #300 has a rating from the FDA (Food and Drug Administration) as, GRAS (Generally Regarded as Safe).

FAQ #4

Q: Why are baker's yeast beta glucans more potent than other kinds of beta glucans?
A: Considerable research shows that beta glucan #300's purified from baker’s yeast enhances the immune system better than any other type of beta glucan studied because they are highly-branched and biologically active particles. Our Beta 1, 3-D Glucan #300 is intensely purified from the cell walls of baker’s yeast (Saccharomyces cerevisiae), yielding the highest purity and concentration of Beta 1, 3-D Glucan #300 per capsule for the most economical price. Numerous studies show that our Beta 1, 3-D Glucan #300 is a superior immune modulator.

FAQ #5

Q: Is beta glucan #300 safe to take with my medicines?
A: Yes. Our ImmuniPro™ with Beta 1, 3-D Glucan #300, when taken with prescription drugs, has no known adverse effects. In fact, research shows Beta 1, 3-D Glucan #300 enhances the effectiveness of many drugs, including anti infection, cholesterol-lowering, and chemotherapy drugs.

FAQ #6

Q: How do we know Beta 1, 3-D Glucan #300 enhances the immune system?
A: For decades, researchers have studied how Beta 1, 3-D Glucan #300 works on the immune system. Hundreds of scientific papers have been published by researchers from the University of Louisville, Tulane University, and Harvard University, to name a few. These research papers describe in detail how Beta 1, 3-D Glucan #300 acts on the immune system. Many of these papers have shown LifeSpan's ImmuniPro™ Beta 1, 3-D Glucan #300 to be a highly effective immune modulator.
FAQ # 7

Q: Why haven’t we heard about beta glucan #300 before?
A: For over 40 years, beta glucan’s benefits have been studied in highly sophisticated university labs and medical schools. To make even small amounts of Beta 1, 3-D Glucan #300 was very expensive. Now, thanks to our proprietary purification process LifeSpan’s Beta 1, 3-D Glucan #300 is very affordable to you.

FAQ # 8

Q: Will ImmuniPro™ with beta glucan #300 over-stimulate the immune system?
A: No. Beta glucan #300 is an immune modulator. It binds to a specific receptor site on the surface of all immune cells with CR3 receptors. This binding enhances the readiness of these immune cells to attack any foreign body perceived as non-self (i.e. viruses, bacteria, fungi, cancer, parasites etc.) It is the presence of these non-self foreign bodies that cause these immune cells to become stimulated.

FAQ # 9

Q: Will ImmuniPro™ with Beta 1, 3-D Glucan #300 harm an autoimmune condition or a transplant patient?
A: LifeSpan's beta glucan #300 does not, as with some immune stimulants, create an over-stimulated immune response. Instead, it should be more properly referred to as an immune modulator or a biological response modifier. In multiples of types of immune function tests, LifeSpan's beta glucan #300 has been shown that our compound actually abates certain pro inflammatory situations. Regardless, we recognize that too little is known and understood about autoimmune disorders and their specific causes to make any claim one way or the other regarding safety. Even though the window of safety is huge with our compound, this or any other compound that you intend to put in your body should be thoroughly reviewed and understood by your physician(s), pharmacist(s) and you. This would apply also to the transplant patient and pregnant women. Both of these categories carry high levels and numbers of negative circumstances within themselves. Therefore, we do not wish to be part of any such controversy.
FAQ # 10

Q: Why is your Beta 1, 3-D Glucan #300 better than any other?
A: PURITY, POTENCY, BIOLOGICAL ACTIVITY, and PRICE. LifeSpan's ImmuniPro™ is a highly purified, biologically active form of beta glucan #300 and the most potent because his contains the largest amount of the Beta 1, 3-D Glucan #300 per capsule. Also, Beta 1, 3-D Glucan #300 is proven to have the greatest effectiveness on the immune system in research paper after research paper. LifeSpan's standards are the highest in the industry, and constantly delivers a superior product at an affordable price!

FAQ # 11

Q: How much Beta 1, 3-D Glucan #300 do I need, each day, to enhance my immune system?
A: The immune system is more enhanced with the more beta glucan #300 you take. With our highly potent ImmuniPro™ Beta 1, 3-D Glucan #300, the immune system is greatly enhanced when taken daily. How much you need is determined by body weight. We suggest you take 2 mg per kg. For example, a 220 lb. person weighs 100 kilograms and needs 200 mg of beta glucan (two 100 mg capsules) for the most effective immune support. For maximum immune support, take 20 mg per kg.

FAQ # 12

Q: Who will benefit from additional immune support?
A: The manifold benefits provided by ImmuniPro™ Beta 1, 3-D Glucan #300, are available to everyone! Yes, anyone can potentially benefit from additional immune support. Particularly, people who are susceptible to: allergies, infectious diseases, slow healing, autoimmune conditions, cardiovascular disease, and those on chemotherapy and radiation. Also, those of us who are under physical or emotional stress can benefit from taking our highly purified, biologically active ImmuniPro™ with Beta 1, 3-D Glucan #300. Even our pets can receive major benefit from beta glucan #300 since their immune system has similar properties to ours.