



FAQ: NanoBio® Protect

What is NanoBio® Protect?

NanoBio Protect is an alcohol-free, FDA over-the-counter (OTC) nasal antiseptic solution that can be used to help reduce germs on skin in and around the nose that could cause infections. It is simple to apply with any standard cotton swab. NanoBio Protect is non-irritating, fragrance-free and leaves no residue after application.

How is NanoBio® Protect used?

The product is applied by thoroughly swabbing the skin inside of each nostril and is recommended for use to help reduce germs on the skin in and around the nose that can cause infections. It should be used in conjunction with frequent handwashing, limited touching of the face, and social distancing to help minimize infection.

How does NanoBio® Protect work?

NanoBio Protect is similar in concept to a hand sanitizer but is designed for use on the skin inside and around the nose where germs frequently enter the body. The product is alcohol-free and does not sting or burn upon application.

The effectiveness of NanoBio Protect is derived from BlueWillow's patented nanotechnology. NanoBio Protect's active ingredient is benzalkonium chloride (BZK) which is a well-known skin antiseptic that has been used in humans since the 1940's. NanoBio Protect places the BZK on the surface of nano-droplets, which results in at least four key advantages:

1. The nano-droplets present the BZK in such a way to enhance its ability to kill germs.
2. The droplets persist on skin for 4 or more hours, enabling long-lasting effectiveness.
3. The droplets significantly hydrate skin to avoid dryness and cracking that can allow germs in.
4. When bound to nano-droplets, BZK is non-irritating to the skin.

In lab tests, NanoBio Protect has demonstrated the ability to kill 99.99% of germs tested.

Have there been any tests or clinical trials to prove safety and efficacy?

NanoBio Protect's active ingredient is benzalkonium chloride (BZK), a well-known alcohol-free skin antiseptic that has been used in humans since the 1940's. NanoBio Protect places the BZK on the surface of nano-droplets to make it more presentable to germs and last longer on skin.

BlueWillow's nasal antiseptic has demonstrated both anti-bacterial and anti-viral activity in laboratory tests making it a potentially important additive measure to hand washing, social distancing and not touching one's face. It has not yet been clinically tested to confirm protection against COVID-19 infection.



How many doses of NanoBio® Protect are in a bottle?

Each bottle of NanoBio Protect includes 0.6 ounces of solution providing at least 40 treatments. A single application involves the use of two swabs, one for each nostril. Consumers are instructed to use regular cotton swabs such as Q-tips to apply the product. Swabs are not being provided as part of the NanoBio Protect packaging.

The product can be applied to the skin of the nose every 4-8 hours as needed, and is recommended for use during periods of increased risk of exposure to germs. For example, a healthcare worker might apply NanoBio Protect two or more times a day. Whereas, someone that is mostly staying at home in isolation might apply it once a day or every few days prior to risk of potential exposure.

If I use NanoBio® Protect do I still need to wash my hands?

Yes. It is recommended that NanoBio Protect be used in conjunction with frequent handwashing as well as limited touching of the face, and social distancing.

Is NanoBio® Protect a vaccine?

No. NanoBio Protect can help protect against germs that cause infection similar to the way that hand sanitizers provide protection from infection.

Is NanoBio® Protect a cure for COVID-19?

No. BlueWillow's nasal antiseptic has not yet been clinically tested to confirm protection against COVID-19 infection. However, it has demonstrated both anti-bacterial and anti-viral activity in laboratory tests making it a potentially important additive measure to hand washing, social distancing and not touching one's face.

How can I purchase NanoBio® Protect?

NanoBio Protect will be available for purchase over-the-counter by businesses and consumers. Product is being manufactured and is expected to first be available in the coming weeks. Advance business purchases can be placed now on www.bluewillow.com. In the future, consumers will be able to purchase via [Amazon](https://www.amazon.com). Additional details about purchasing NanoBio Protect will be announced on BlueWillow's website.