



Wellness Minute

Health Information You Can Use On Your Path To Wellness



Adult ENT-Pro

“This specialized probiotic has been shown to increase natural killer cells and strengthen the ability of white blood cells... to fight infection.”

Did you know researchers estimate that the bacteria in our mouth contain 46 million genes? As humans, we contain 20,000-25,000 genes.

What a profound difference. Many of the genes from the bacteria in our mouth can turn on and off inflammation, pain, and even have the capacity to turn up or down our immune system.

That's one of the reasons I was so excited when Biotics Research released a probiotic blend called Children's ENT-Pro. As the name implies, ENT stands for ear, nose, and throat, and the product is designed to support the part of the immune system that lives and thrives in the mucus membranes called Secretory IgA. And what's exciting is that certain pro-

biotics can stimulate and support the immune system to fight the infections that cause ear, nose, and throat problems.

A big part of our immune system operates in the mucus membranes of our body to protect us from bacteria and virus. As I mentioned, the name of the antibody dominant in the mucus membranes is called IgA. IgA is the first line of defense for sinuses, throat, and lungs, and is present in saliva, tears, sweat, colostrum, and secretions from the genitourinary tract, gastrointestinal tract, prostate, and respiratory tract.

What if I told you a tasty chewable strawberry-flavored probiotic has been shown to increase activity of secretory

IgA that we just discussed? This specialized probiotic has been shown to increase natural killer cells and strengthen the ability of white blood cells called macro-phages to fight infection. This unique oral probiotic has been shown to be effective against Candida, Klebsiella, and two forms of staph. In fact, it is antagonistic toward 15 of the most common ENT pathogens and helps support a healthy immune response.

Biotics Research asked Dr. Lewboff Siechel (Liubov Siechel), a world renowned microbiologist with more than 180 publications and 36 patents, to help develop a product for children to support their immune systems. It is called Children's ENT-Pro. The

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probiotics in Children's ENT-Pro have over 40 clinical studies that document its safety, stability, and high survival rate. All the Biotics probiotics have been designed to survive stomach acid and bile juices, but this product is effective even in the presence of antibiotics and chemotherapy. Dr. Sichel discovered two incredible new probiotic strains and combined them with 4 other strains to create a synergistic effect. The result is high levels of antagonistic activity toward the microbes most frequently found in chronic and recurring ENT infections. These strains specifically have shown to be effective against three strains of candida: candida albicans, candida krusei, and candida tropicalis. Children's ENT-Pro combines the 6 different strains of bacteria to yield 2 billion healthy bacteria, 25 mg of fructooligo-saccharides and 10 mg lysozymes.

Fructooligosaccharides are long chain sugars that provide food for the healthy bacteria. Lysozymes are antimicrobial enzymes produced by animals that form part of their innate immune system. Lysozymes are found naturally in human saliva. The enzyme functions by attacking, hydrolyzing, and breaking the mesh-like layer of sugar and amino acid bonds that make up the cell walls. This hydrolysis in turn compromises the integrity of bacterial cell walls causing lysis of the bacteria.

What's exciting is that these antimicrobial properties are not a result of the direct killing abilities of the bacteria. Instead, the bacteria stimulate our own natural immune system through a mechanism called immuno-biotics. Immuno-biotics is a relatively new term that describes how probiotics promote health through driving mucosal immune mechanisms.

The feedback from parents has been so supportive that adults have started taking it as well. So Biotics just released a stronger tablet for adults called Adult ENT-Pro which contains 6 billion probiotics, 25 mg of fructooligosaccharides and 15 mg of lysozymes.

Both Children's ENT-Pro and Adult ENT-Pro can be used preventatively as well as therapeutically. It's a chewable berry-flavored tablet that tastes good, adheres to the mucosal lining in the mouth, and demonstrates survivability under acidic and alkaline environments as well as against antibiotics and chemotherapy agents. It shows antagonist activity toward opportunistic microflora and exhibits immuno-modulating effects. And now, in this season of viruses and strange infections, I keep both Children's ENT-Pro and Adult ENT-Pro in my refrigerator at all times. Ask your clinician about Children's ENT-Pro for your kids, but consider taking Adult ENT-Pro to support YOUR immune system.