

CYTOFLORA.....

Although this article references children, the benefit is also for adults as well.
(Questions and Answers for Adults and Children)



Q: What is Cytoflora™?

Cytoflora™ is a probiotic lysate in tincture form that supports healthy gut function and a balanced immune response. A probiotic lysate basically means it's a dead probiotic. By lysing, cutting, or decimating the cell wall of beneficial bacteria, vital nutrients from the cytoplasm and cell wall have been released into the solution making them readily available upon ingestion.

These immune system modulators that naturally exist inside the cells of healthy bacteria are not readily available in most probiotic formulas. It's BIORAY's proprietary manufacturing process that makes Cytoflora™ so potent and unique.

Q: What are the ingredients in Cytoflora™?

Cell wall lysed lactobacillus rhamnosus, bifidobacterium bifidum, lactobacillus acidophilus, bifidobacterium infantis, bifidobacterium longum, streptococcus thermophilus, lactobacillus plantarum, lactobacillus salivarius, lactobacillus reuteri, lactobacillus casei, lactobacillus bulgaricus, lactobacillus acidophilus DDS-1 and lactobacillus sporogenes in a base of rice starch, ascorbic acid 5% and 18% grain neutral spirits as a preservative.

Q: How is Cytoflora™ different than live probiotics?

Cytoflora™ contains beneficial bacteria that have been cell wall lysed (decimated), releasing the vital substances and nutrients from the cell wall and cytoplasm. These immune system modulators exist inside the cell of healthy bacteria and are not readily available in most probiotic formulas. BioRay's proprietary manufacturing process makes Cytoflora™ a unique and potent lysed probiotic tincture. Cytoflora™ does not promote colonization. In scientific literature, products like Cytoflora™ are shown to be a food source (prebiotic) for live beneficial bacteria.

Q: Can Cytoflora™ be given with antibiotics?

While Cytoflora™ is a dead probiotic, we recommend dosing 2 hours away from antibiotics to avoid any possible interactions.

Q: Was there a study done with Cytoflora™?

Yes. An intervention study was done with ten immune and neurocompromised children. The baseline results showed all ten children had elevated IgA and IgM levels, signifying an immune response to specific harmful gut microbes as well as indicating "leaky gut". The results of BIORAY's intervention study showed statistically significant improvements in all areas after using a high therapeutic dose of Cytoflora™. The Immunobilan panels from VIP Dx reveal a 55% decrease in IgA and 27% decrease in IgM and a 30% improvement in ATEC scores.

Lab testing showed 100% of these 10 participants greatly improved. Additional details can be seen [here](#).

Q: What does IgA and IgM represent?

Immunobilan testing measures immunoglobulin A which is IGA and immunoglobulin M which is IgM. In healthy individuals pathogenic bacteria are found in low quantities in the gut and antibody titers in the blood are very low. With bacterial overgrowth, large quantities of IgA are produced and some IgA will be found in the bloodstream. High titers of IgM for intestinal bacteria is an indicator of increased intestinal permeability.

Q: What did the parents of these children notice?

Prior to Cytoflora™, parents of participants initially reported symptoms including food sensitivities, yellow teeth, hyperactivity, lethargy, anxious & irrational behavior, bowel issues, detachment from the environment, and an inability to communicate verbally and/or nonverbally.

After 21 days on a high therapeutic dose of Cytoflora™ the ATEC showed 30% overall improvement in symptoms. The ATEC measures Communication, Sociability, Cognitive Awareness, and Health & Physical/Behavior.

Upon completion of the study, parents reported an increase in functional and expressive speech, improved moods, and healthy, formed and frequent bowels movements.

Q: How long until I see results in my child?

Results are typically noticed within 2 weeks. Some parents report benefits within a few days. Improvements are dose related. The higher the dose, the deeper the healing.

Q: What benefits are seen with the use of Cytoflora™?

The following benefits have been reported: balanced digestion, support of healthy immune system, improved focus, increased speech and nonverbal communication, healthy bowel function, more mature interactions, whiter teeth and balanced moods.

Q: How long does my child need to use Cytoflora™?

Using Cytoflora™ at top dose for 3 months is recommended. At that time, it's appropriate to re-evaluate symptoms and/or do follow up lab testing to determine if maintenance dose is appropriate.

Q: Does Cytoflora™ replace my live probiotics?

No, it does not. Cytoflora™ has many of the same benefits as live probiotics do, however live probiotics are still necessary to implant the beneficial flora in the gastrointestinal tract and colon.

Q: Do I need to discontinue other supplements while using?

No, Cytoflora™ is safe and effective to be used in conjunction with other supplements and medications.

Q: When is the best time to give?

Cytoflora™ works best on an empty stomach.

Q: Can I give Cytoflora™ at the same time as NDF Plus™ and Liver Life™?

Yes, you can.

Q: How long will a 4 ounce bottle last?

1 dropper, 2x a day, will last 60 days.

2 droppers, 2x a day, will last 30 days.