

# CytoFlora<sup>®</sup> Probiotic Immunity Tonic

## Immune Compromised: A Modern Reality

In a healthy colon, the beneficial bacteria count is up to 100 billion per milliliter. However, in the typical American intestinal tract, that count may be as low as 4 or 5 billion per milliliter. When there is a significant decrease in friendly bacteria and a high level of unfriendly bacteria, this can trigger the onset of chronic health issues and a suppressed immune system. Driving these microbes out of the gut without killing them is key to decreasing excessive histamine response and restoring balance in the gastrointestinal tract.

**Product Summary:** CytoFlora<sup>®</sup>, a probiotic lysate, contains beneficial bacteria of which the cell wall has been decimated. This decimation releases vital substances and nutrients from the cell wall and cytoplasm. This proprietary manufacturing process makes CytoFlora<sup>®</sup> a unique and potent probiotic lysate tincture. CytoFlora<sup>®</sup> balances intestinal dysbiosis, creating an environment for healthy intestinal flora to colonize and flourish while delivering an immune strengthening impact.



**Ingredients:** Micronized Cell Wall Lysates of: Lactobacillus rhamnosus, Bifidobacterium bifidum, Bifidobacterium infantis, Bifidobacterium longum, Lactobacillus acidophilus, Lactobacillus plantarum, Lactococcus thermophilus, Lactobacillus salivarius, Lactobacillus casei, Lactobacillus reuteri, Lactobacillus bulgaricus, and Lactobacillus acidophilus DDS-1<sup>®</sup> with deionized water and gluten-free grain alcohol (20% by volume). CytoFlora<sup>®</sup> probiotics are pharmaceutical grade, in a nondairy, Non-GMO maltodextrin base.

**Clinical Use:** In an intervention study with 14 immune compromised children with severe microbial imbalances, CytoFlora<sup>®</sup> decreased IgA markers in all 14 children in three weeks. Symptomology improvement was dramatic: Using the ATEC, parents reported increased levels of communication and speech, sociability, affection and sensory and cognitive awareness, with the most drastic improvements reported in behavior, gut function, and digestive health.

**Intake: Adults & Children** - 13-52 drops twice (2x) a day in filtered water on an empty stomach. Do not use during pregnancy or while nursing unless supervised by a physician.

**Sensitive Individuals** - Sensitive individuals start with 6 drops, working up to 2 droppers full twice (2x) a day. Dosage is related to improvement. Supervision by a physician is recommended.

## Product Order Information:

Product name	Product SKU	Size (oz.)	Dimensions (mm)	Ship Wt. (lb.)	SRP
CytoFlora <sup>®</sup>	646858000047	4	W40,D40,H140	1	\$87

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any diseases.



# CytoFlora<sup>®</sup>

## Probiotic Immunity Tonic

### Decrease in Enteric Bacteria and Improvement in ATEC Scores of Immune Compromised Children

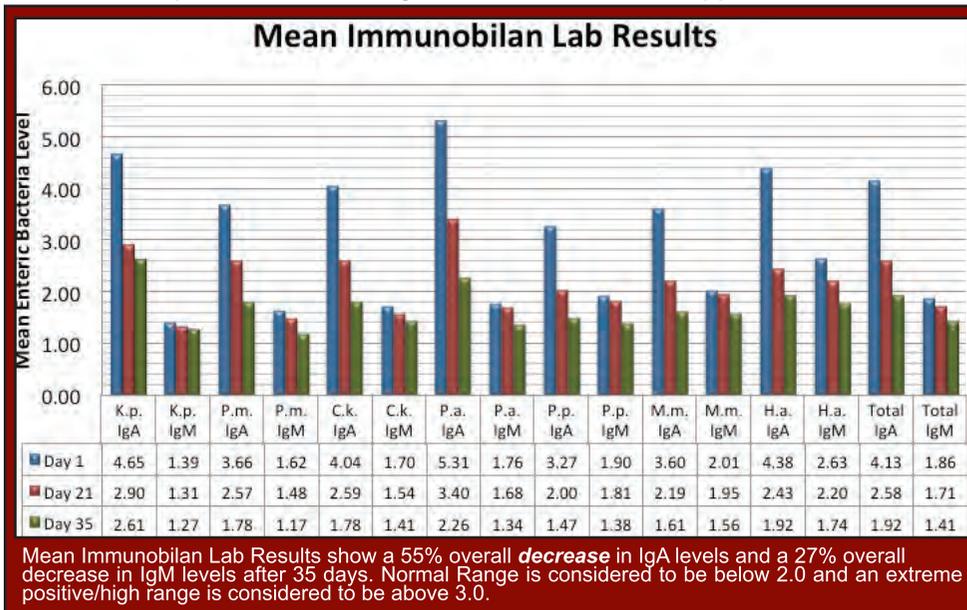
© By Stephanie Ray, Angela Sherlock, Tami Wilken, Terri Woods, CCN, CCH, California, USA

#### Explore! For the Professional: Abstract

Peer-reviewed Journal

Up to 70% of neuro and immune compromised children are impacted by gastrointestinal dysfunction that presents as constipation, food intolerances, diarrhea, high histamine response in the gut, malabsorption and leaky gut. A major issue for many parents and doctors faced with these health challenges in neuro and immune compromised children is that common testing methods are invasive and show limited results at best. In this study we propose using immunobilan testing to measure IgA (Immunoglobulin A) and IgM (Immunoglobulin M) immune response to seven pathogenic enteric bacteria; and if the levels are found to be elevated, to treat with a course of new probiotic lysate tincture to decrease the occurrence of immune response indicators. **CytoFlora<sup>®</sup>**, is a natural supplement, contains beneficial bacteria that have been cell wall

decimated and suspended in liquid. This proprietary process releases vital substances and nutrients from the cell wall and cytoplasm. These immune system modulators exist inside the cells of healthy bacteria and act as a prebiotic, stimulating the growth and activity of beneficial bacteria in the digestive system. The primary physiological effects noted in an intervention study using this probiotic lysate tincture includes the correction of microbial imbalances, removal of pathogens from the gastrointestinal tract and the creation of an optimal environment for healthy intestinal flora to colonize and flourish. The ATEC results showed 30% improvement across the board.



#### Summation

While we observe that no one result is typical with neuro and immune compromised children, there is a correlation between decreasing gut inflammation, improving immunity, and brain function. Children in this study experienced a greater ability to empathize, be joyful, laugh, and participate in different environments with more ease and independence.

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