

## Multi-Probiotic Kids

### DESCRIPTION

Multi-Probiotic Kids formula provides a blend of seven child-friendly flora strains plus NutraFlora® scFOS® prebiotic fiber, suitable for children of all ages. This premier powder formula includes *B. longum* BB536, a probiotic strain clinically studied to help maintain a healthy immune response, normal digestion and elimination, and support healthy skin.† The non-gas forming prebiotic scFOS® promotes healthy microflora growth in the developing intestines. This easy to mix powder provides a pleasant neutral taste.

Multi-Probiotic formulations by Douglas Laboratories are tested for product potency and identity to ensure viability, effectiveness, and label claim verification for every product. Multi-Probiotics are acid and bile resistant and undergo a patented cyroprotectant stabilization process for stability.

### FUNCTIONS

The microbiota of the human gastrointestinal tract plays a key role in nutrition and health. A delicate balance exists between the human intestinal microflora and its host. Upset of this community structure may lead toward undesirable immune reactions or bowel conditions. Many different environmental factors may affect the gut microbial ecology in children; these include food, formula feeding, medication, and childbirth C-sections. It is therefore important that infant's and children's gut microflora be supported with probiotics and prebiotics.

Probiotics are supplemental live, beneficial intestinal micro-organisms for gastrointestinal health and immune support. Probiotics have been shown to exert a beneficial support through modification of the immune system host via the gut environment. Clinical trials also suggest that the exposure to healthy microbes through the gastrointestinal tract powerfully shapes immune function.† Multiple studies have indicated that multi-strain probiotic blends with lactobacilli and bifidobacterium can provide optimal support for a diverse range of health needs.†

*Bifidobacterium longum* BB536 has been clinically researched in infants and children for immune support by neutralizing the pH of the intestinal tract allowing beneficial microflora to flourish and supporting an environment in which less desirable microflora have a more difficult time surviving. According to studies, healthy infants compared with babies who developed allergies were less often colonized with bifidobacteria during the first year of life. Research shows healthy toddlers consuming synbiotics (probiotic and prebiotic) may contribute to normal growth and promote favorable gut colonization.†

scFOS, also called short chain fructooligosaccharides, are prebiotics that have short molecular chains. They function as non-digestible fiber that can positively affect selected groups of beneficial intestinal microflora, such as lactobacillus. While probiotics merely add beneficial microflora, prebiotics influence the intestinal environment so that beneficial colonies of microflora can flourish. By aiding the beneficial microflora's survival, less desirable microflora can have a decreased chance of survival.

### INDICATIONS

Multi-Probiotic Kids is indicated for children age 0-12 for immune and digestive health.

### FORMULA (#57648P-60X)

#### Serving Size 1/2 tsp (2g)

Proprietary Blend..... 8 Billion CFU  
Short Chain Fructooligosaccharide (NutraFlora®  
scFOS®), *Bifidobacterium bifidum*,  
*Bifidobacterium lactis*, *Bifidobacterium lactis*

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(*infantis*), *Bifidobacterium longum* BB536,  
*Lactobacillus acidophilus*, *Lactobacillus*  
*paracasei*, *Lactobacillus rhamnosus*

Other ingredients: Pregelatinized starch

This product contains no yeast, wheat, gluten, milk/dairy, soy, sodium, artificial coloring, flavoring, preservatives, or genetically modified organisms (GMOs).

### SUGGESTED USE

Ages 5-12: Approx. ½ teaspoon daily.

Ages 0-4: Approx. ¼ teaspoon daily.

Mix in unheated liquids or sprinkle on room-temperature food.

CAUTION: Do not give to premature infants or immune-compromised children. Consult a healthcare professional.

### SIDE EFFECTS

If gas, bloating, or diarrhea occurs, consult a healthcare professional and consider lowering the dose and gradually increase over time.

### STORAGE

Store in a cool, dry place, away from direct light. After opening, keep refrigerated with lid tightly sealed for optimal results. Keep out of reach of children.

### REFERENCES

Bennet R., et al. Transient colonization of the gut of newborn infants by orally administered bifidobacteria and lactobacilli. *Acta Paediatr.* 1992. 81:784-787.

Puccio G., et al. Clinical evaluation of a new starter formula for infants containing live *Bifidobacterium longum* BL999 and prebiotics. *Nutrition* 2007. 23:1-8.

Sekine I., et al. Effects of *Bifidobacterium* containing milk on chemiluminescence reaction of peripheral leukocytes and mean corpuscular volume of red blood cells—A possible role of *Bifidobacterium* on activation of macrophages. *Therapeutics (Japan)* 1985. 14(5): 691-695.

Firmansyah A. et al. Improved growth of toddlers fed a milk containing synbiotics. *Asia Pac J Clin Nutr* 2011. 20(1): 69–76 \*BL 999 is the same as BB536

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Bjorksten B, Sepp E, Julge K, Voor T, Mikelsaar M. Allergy development and the intestinal microflora during the first year of life. *J Allergy Clin Immunol* 2001;108:516–520.

**For more information on Multi-Probiotic Kids, visit [douglaslabs.com](http://douglaslabs.com)**

† These statements have not been evaluated by the Food and Drug Administration.  
This product is not intended to diagnose, treat, cure, or prevent any disease.

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Your patients trust you.**