

## What is FloraBABY?

FloraBABY is a blend of probiotics (good bacteria) that is specifically formulated for the intestinal tract and colon of children.

## How is it delivered?

FloraBABY is a flavourless powder which can easily be mixed into warm or cool drinks such as infant formula, water, juice and milk, or soft foods such as yogurt and apple sauce. This allows parents to provide probiotics to children who do not like, or have a difficult time, taking supplements. Please note that FloraBABY should not be mixed with hot liquids or hot foods and should be consumed immediately after mixing.

## What does it do?

FloraBABY is a blend of 5 strains of probiotics normally found in children:

- Bifidobacterium Breve
- Lactobacillus Rhamnosus
- Bifidobacterium Bifidum
- Bifidobacterium Infantis
- Bifidobacterium Longum

These 5 probiotics work synergistically to help ensure a healthy microbacterial environment in the intestinal tract.

## What age group can take it?

FloraBABY can be taken by anyone over the age of 1.

## How does it work?

The term 'probiotic' means supporting life. Probiotics are friendly, beneficial bacteria. While there are hundreds of different strains of bacteria that live in the digestive tract, some are more prevalent in children such as bifidobacterium bifidum & bifidobacterium longum. These bacteria (as well as others) are normal inhabitants of the large and small intestines and are an important part of a healthy digestive system. Recent research shows that probiotics help improve gastrointestinal function, respiratory and allergy response, as well as help to counter the negative effects of antibiotic use. Further, these beneficial bacteria help the body to:

- produce vitamins
- absorb nutrients
- control overgrowth of bad bacteria and fungus

Probiotics normally present a barrier to invading organisms. However when they are impaired through stress, illness, antibiotics treatment, or changes to the diet, they can be disrupted. Bifidobacteria are known to be involved in resisting the colonization of pathogens in the large bowel. Adherence of Bifidobacteria to the cell wall of the intestines, has been shown to prevent pathogens such as E-coli, salmonella & Yersina pseudotuberculosis (Macfarlane & Cummings)

## How Is It Taken?

Adults, adolescents, and children  $\geq 1$  year old: Mix 1 scoop (1g) per day into cool or warm water, juice, milk or other liquid immediately before use. Do not mix with hot liquid or food. May be repeated up to 3 times per day. If you are on antibiotics, take at least 2-3 hours before or after.

## Why Should Children Use FloraBABY?

FloraBABY can be taken daily as a preventative measure against invading bacteria and to ensure intestinal development and good health. Ideally, removing what causes the destruction of beneficial bacteria would be ideal (stress, antibiotics, etc.). However, there are times when these medications are required and stress is often inevitable. FloraBABY can be used to replace the beneficial bacteria that is lost during these times. Whenever a child needs to take antibiotics, FloraBABY should be taken for one month afterward to replenish the good bacteria.





## What does it contain?

There are two major types of probiotics, autochthonous (resident / indigenous) and allochthonous (transient) species. Resident strains are naturally found in the human intestine. They re-establish and adhere to the intestinal tract to repair the body's intestinal flora (beneficial bacterial balance). Transient strains are found outside of the human intestinal system, but are extremely beneficial in maintaining its health. They are found living symbiotically on plants including many vegetables (if they have not been destroyed by pesticides). They do not re-establish in the intestinal tract, therefore it is necessary to consume them by either eating organic vegetables or take supplements. They provide numerous health benefits as they pass through the digestive tract.

## Proprietary Probiotic Blend (4 Billion Active CFU per serving):

### Resident strains:

#### Bifidobacterium breve

- The oral administration of *B. breve* in infants significantly decreased rotavirus shedding in stool samples and prevented rotavirus infection. It has also been shown to help decrease intestinal permeability, improves intestinal microflora, and has a positive effect on the intestinal immune system.

#### Bifidobacterium bifidum

- The resident symbiotic bacteria of the colon. It is important for the production of B vitamins. It is also particularly good at enhancing the body's immune response and inhibiting harmful bacteria.

#### Bifidobacterium infantis

- A main inhabitant in the intestines of infants, but only in those who have been breast fed. Children who have not been breast fed, do not receive the benefits of this probiotic. When it is lacking, allergies and malabsorption of nutrients can become a problem, which can continue on throughout childhood.

#### Bifidobacterium longum

- Bifidobacterium longum is the most frequently found species in healthy breast fed infants (between 54 -71% of the samples). It helps in the formation of lactic acid along with small amounts of formic acid. These acids lower the PH of the intestines, thereby making the region undesirable for harmful bacteria. It is also a substantial producer of B vitamins.

### Transient strains:

#### Lactobacillus rhamnosus

- It helps the body resist pathogenic bacteria and viruses, and prevents rotoviral or Clostridium difficile induced diarrhea. It is also useful for the inhibition of vaginal and urinary tract infections, which are also common during early childhood.

### References:

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## FloraBABY - Each serving (1g) contains

Probiotic Blend	4 Billion CFU
Bifidobacterium breve (HA-129)	1.2 Billion CFU
Lactobacillus rhamnosus (HA-111)	1 Billion CFU
Bifidobacterium bifidum (HA-132)	800 Million CFU
Bifidobacterium longum subsp. infantis (HA-116)	600 Million CFU
Bifidobacterium longum subsp. longum (HA-135)	400 Million CFU

**Non-medicinal ingredients:** Maltodextrin, ascorbic acid

Contains no nuts, peanuts, sesame seeds, mustard seeds, wheat, gluten, yeast, corn, egg, crustaceans, shellfish, fish, artificial colour or preservatives, or fillers.

**Allergen Warning:** This product has come into contact with milk and soy from fermentation ingredients. Do not use this product if you have a milk or soy allergy.

Renew Life does not use genetically modified ingredients. All ingredients are NON-GMO.

**Warning:** Consult a health care practitioner prior to use if you have fever, vomiting, bloody diarrhea or severe abdominal pain. Discontinue use and consult a health care practitioner if symptoms of digestive upset (e.g. diarrhea) occur, worsen, or persist beyond 3 days. Do not use if you have an immune-compromised condition (e.g. AIDS, lymphoma, patients undergoing long-term corticosteroid treatment). Keep out of reach of children.

Requires refrigeration. Do not expose to heat. Potency guaranteed at expiry.

**WANT MORE INFORMATION ABOUT PROBIOTICS?**

Visit [www.renewlife.ca](http://www.renewlife.ca)



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