



## What is FloraSmart?

FloraSMART is a patented probiotic formula which provides 'friendly bacteria' to the intestinal tract and colon. This helps to ensure that the bacterial environment in the intestine and colon is at an optimal level for good health.

## Which Probiotic to Take?

<b>Ultimate Flora Ultra Potent 100 Billion</b>	<ul style="list-style-type: none"> <li>You have severe digestive issues</li> <li>You have completed multiple rounds of antibiotics</li> <li>You want the strongest probiotic available</li> </ul>
<b>Ultimate Flora Colon Care 80 Billion</b>	<ul style="list-style-type: none"> <li>You suffer from a bowel disorder such as colitis or I.B.S.</li> <li>You have chronic constipation and/or diarrhea</li> </ul>
<b>Ultimate Flora Critical Care 50 Billion</b>	<ul style="list-style-type: none"> <li>You want a high potency daily use probiotic</li> <li>You are using or have recently used antibiotics</li> <li>You have chronic digestive issues</li> <li>You want to boost your immune system</li> </ul>
<b>Ultimate Flora VS 50 Billion</b>	<ul style="list-style-type: none"> <li>You have chronic yeast infections or candida overgrowth</li> <li>You are a woman who suffers from recurring infections in the urogenital tract</li> </ul>
<b>FloraSMART Extra Strength 6 Billion</b> *No refrigeration required	<ul style="list-style-type: none"> <li>You are travelling and want to protect yourself against parasites and travellers' diarrhea</li> <li>You have digestive issues that are under control</li> </ul>
<b>FloraSMART 2 Billion</b> *No refrigeration required	<ul style="list-style-type: none"> <li>You are looking for an everyday probiotic for the maintenance of good digestive health</li> </ul>



## How is it delivered?

FloraSMART uses *BIO-tract*® delivery technology which is engineered to deliver probiotics to their optimal location in the intestinal tract. *BIO-tract*® is a patented, controlled delivery technology developed specifically for microorganisms. *BIO-tract's*® protective layer ensures that the product is less susceptible to heat, moisture, and oxidative stress, making FloraSMART more stable at room temperature.

## What does it do?

FloraSMART's blend of 6 probiotics helps to ensure a healthy microbacterial environment in the intestinal tract. 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, two of the most prevalent types of beneficial bacteria are lactobacillus acidophilus and bifidobacterium bifidum. These bacteria (as well as others) are normal inhabitants of the large and small intestines. Probiotics are a very important part of a healthy digestive system. Recent research shows that probiotics help to improve gastrointestinal functions, respiratory and allergy responses; as well as help to counter the negative effects of antibiotic use. Probiotics support the immune system, balance the intestinal environment, and inhibit the growth of pathogenic organisms (ex. Candida albicans). Further, these beneficial bacteria help the body to produce vitamins; digest foods; and control overgrowth of bad bacteria and fungus.

Probiotics normally present a barrier to invading organisms. However when they are impaired through stress, illness, antibiotic treatment, or changes to the diet, they can be

disrupted. Bifidobacteria are known to be involved in resisting the colonization of pathogens in the bowel. Adherence of lactobacillus acidophilus and bifidobacteria to the cell wall of the intestines has been shown to prevent pathogens such as E-coli, salmonella & yersina pseudotuberculosis (Macfarlane & Cummings).

## How does it work?

FloraSMART is the first product that has 'oral controlled' release technology. Its *BIO-tract*® delivery technology delivers probiotics through the harsh environment of the stomach and into the intestinal tract where they can be utilized. After swallowing the FloraSMART tablet, a protective gel layer surrounds the tablet and effectively isolates the bacteria (probiotics) to reduce harmful interaction with the acidic environment in the stomach. Once passing through the stomach, it releases the probiotics in a controlled fashion over time. Delivering the living bacteria to the small intestines so that it can populate throughout the intestinal tract. This is different than other probiotic supplements, where the majority of the probiotics are destroyed in the stomach, leaving very little left to be delivered to the intestinal tract.

## How do I take it?

Adults, adolescents, and children ≥ 6 year old: Take 1 tablet daily with water on an empty stomach. Do not chew or crush. If you are on antibiotics, take at least 2-3 hours before or after.

## What can I expect?

FloraSMART helps to keep bowel movements regular. Many people notice an overall feeling of good health.



## What does it contain?

There are two major types of probiotics, resident strains and transient strains. 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 (2 Billion CFU per tablet):

#### Resident strains:

##### Lactobacillus acidophilus

- The predominant friendly bacteria in the upper intestinal tract. It helps reduce the levels of harmful bacteria and yeasts in the small intestine and also produces lactase, an enzyme which is important in the digestion of milk. Acidophilus is involved in the production of B vitamins (niacin, folic acid, and pyridoxine) during the digestive process. This is the most prevalent strain in the body.

##### Bifidobacterium bifidum

- It is important for the production of B vitamins and is also particularly good at enhancing the body's immune response. This is the next most prevalent strain in the body.

##### Bifidobacterium longum

- It helps in the formation of acidic and 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.

##### Lactobacillus salivarius

- It is useful in helping impair the growth and activity of harmful pathogenic bacteria, including H. pylori and salmonella. It also helps break down undigested protein and disengage the toxins produced by protein putrefaction.

#### Transient strains:

##### Lactobacillus casei

- It inhibits growth of E.coli, as well as being effective against urinary tract infections.

##### Lactobacillus rhamnosus

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

#### References:

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### FloraSMART - Each tablet contains

Proprietary Blend	2 Billion CFU
Lactobacillus acidophilus (Nx5864)	900 Million
Bifidobacterium bifidum (Nx 5857)	700 Million
Bifidobacterium longum (Nx5846)	100 Million
Lactobacillus casei (Nx5858)	100 Million
Lactobacillus rhamnosus (Nx5839)	100 Million
Lactobacillus salivarius (Nx5863)	100 Million

**Non-medicinal Ingredients:** Cellulose, hypromellose, pectin, sodium bicarbonate, sodium carbonate, silicon dioxide (mineral source), stearic acid, turmeric

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

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

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

**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. Store in a cool, dry place. Do not expose to heat.

Potency guaranteed at expiry.

## BIO-tract® delivery technology



**WANT MORE INFORMATION ABOUT  
PROBIOTICS?**

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



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