



## Ingredients

Each PH<sup>5</sup>D natural water-based enteric-coated vegetable capsule is protected from stomach acids and delivers 100% potency of the following 18 strains of 20 billion live active healthy whole cells to the intestines:

### Humain Strains:

|                                           |       |                   |
|-------------------------------------------|-------|-------------------|
| <i>Lactobacillus casei</i>                | HA108 | 3.825 billion CFU |
| <i>Bifidobacterium bifidum</i>            | HA132 | 1.216 billion CFU |
| <i>Lactobacillus rhamnosus</i>            | HA111 | 1.065 billion CFU |
| <i>Lactobacillus rhamnosus</i>            | HA114 | 976 million CFU   |
| <i>Lactobacillus acidophilus</i>          | R0418 | 613 million CFU   |
| <i>Bifidobacterium longum ssp. longum</i> | R0175 | 335 million CFU   |
| <i>Bifidobacterium infantis</i>           | R0033 | 335 million CFU   |
| <i>Bifidobacterium breve</i>              | R0070 | 335 million CFU   |
| <i>Lactobacillus salivarius</i>           | HA118 | 186 million CFU   |
| <i>Lactobacillus reuteri</i>              | HA188 | 44 million CFU    |

### Plant Strain:

|                                |       |                 |
|--------------------------------|-------|-----------------|
| <i>Lactobacillus plantarum</i> | R1012 | 446 million CFU |
|--------------------------------|-------|-----------------|

### Dairy Strains:

|                                                   |       |                   |
|---------------------------------------------------|-------|-------------------|
| <i>Lactobacillus rhamnosus</i>                    | R0011 | 4.461 billion CFU |
| <i>Lactobacillus rhamnosus</i>                    | R1039 | 3.346 billion CFU |
| <i>Lactobacillus paracasei</i>                    | HA196 | 1.562 billion CFU |
| <i>Lactobacillus helveticus</i>                   | R0052 | 558 million CFU   |
| <i>Lactobacillus casei</i>                        | R0215 | 446 million CFU   |
| <i>Streptococcus salivarius ssp. thermophilus</i> | R0083 | 223 million CFU   |
| <i>Lactobacillus delbrueckii ssp. bulgaricus</i>  | R9001 | 56 million CFU    |

Bovine colostrum (from *Bos taurus*),  
8% proline-rich polypeptides ..... 25 mg  
CFU Cells = Colony-Forming Unit Cells. **Potency guaranteed at expiry.**

**Other ingredients:** Ascorbic acid, inulin, arabinogalactan, vegetable magnesium stearate, silicon dioxide, and potato starch in a non-GMO vegetable capsule composed of vegetable carbohydrate gum, purified water, and a water-based enteric coating.

NPN 80050277 · V0498-R3

Ingredients in this formula have been validated for potency and identity, and certified free of heavy metals, pesticides and solvent residues using:

- Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)
- HPLCs with Diode Arrays UV-VIS Detectors / Refractive Index Detectors
- Gas Chromatograph/Mass Spectrometer (GC/MS)
- UV/VIS Spectrophotometer
- Headspace Gas Chromatography (organic solvent residues)
- Disintegration
- Colony-Forming Units (CFU) Validation

HP1878



## Probiotic Intensity

Sold exclusively to finer health food stores  
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## ProbioticIntensity

20 Billion • 18 Strains

Superior digestive and  
immune performance

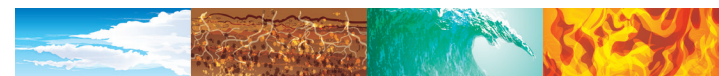


- 18 therapeutic strains
- Includes 10 proven human probiotic strains
- Strengthens disease resistance

**ISO 17025**  
Accredited Laboratory



[newrootsherbal.com](http://newrootsherbal.com)



# Human Strains Discussed

The strain selection in **ProbioticIntensity** reflects probiotic species that deliver maximum benefits to the host organism: you. With this in mind, a probiotic does not have to be of human origin to be beneficial; however, probiotic species of human origin exhibit the capacity to survive intestinal transit. This characteristic allows them to colonize and exert their benefits at multiple sites within the entire gastrointestinal tract. **ProbioticIntensity** includes the strength and diversity of a combined total of 10 billion live probiotic cells stemming from 10 scientifically proven human probiotic strains.

## Robust, Resilient *Rhamnosus*

**ProbioticIntensity** contains four specific beneficial strains belonging to the therapeutic species *Lactobacillus rhamnosus*: R0011, R1039, HA111, and HA114.

First isolated in 1983 from the intestines of a healthy human subject, the *rhamnosus* species of the *Lactobacillus* genus is among the most researched of all probiotics. Its tolerance for highly destructive acidic conditions within the stomach and intestines allow *rhamnosus* strains to populate the intestines in significant amounts for noticeable therapeutic benefits.

**ProbioticIntensity** contains in excess of 9 billion colony-forming units sourced from this beneficial species.

These strains colonize within the mucous membranes of the intestines to exert their health benefits which include:

- Increased lactic acid production to actively suppress growth of harmful bacteria that cause infection and disease.
- Reduced frequency of diarrhea and urinary tract infections. A study conducted in North Bengal, India, involving 235 infant patients exhibited duration of diarrhea to be 5.3 versus 9.2 days for those treated with low-dose *Lactobacillus rhamnosus*.<sup>[1]</sup>
- Strengthened gut barrier function for relief from autoimmune conditions including arthritis and allergies.
- Stimulation of antibodies integral for phagocytosis (destruction of invasive bacteria by ingestion).

**ProbioticIntensity** also populates the entire gastrointestinal tract with the following 14 other specific beneficial strains.

## *L. acidophilus*

Has the ability to stick to the intestinal mucosa and to colonize the intestinal tract, protecting it from the harmful activities of bad microorganisms. It also protects the body from bacteria and viruses, and helps the healing of vaginal infections. It decreases the production of toxins by controlling putrefactive microbes in your body.

## *L. helveticus*

Used to reduce lactose intolerance and diarrhea, control unwanted microorganisms and intestinal bacteria, and limit the proliferation of *Candida albicans*.

## *L. plantarum*

Works against unwanted bacteria, specifically in irritable bowel disease (IBD) and ulcerative colitis.

## *L. casei* (R0215 and HA108)

Used to treat intestinal infections; it acts by improving your immunity against bacterial and viral infections.

## *Bifido longum, infantis, and breve*

These probiotics reside in the mucosal lining of the last part of the small intestine and are the predominant strains found to colonize the large intestine to support intestinal health, cleanliness, and functionality. Three of the most predominant strains of the *Bifido* probiotics family, *Bifido longum*, *Bifido infantis*, and *Bifido breve*, lower serum cholesterol and dissolve bile salts. They also help in maintaining a normal and balanced intestinal flora, particularly among children and the elderly.

The *Bifido* probiotics family performs several important functions in the intestinal tract, including the production of lactic and acetic acids, which increase the acidity of the intestines. They help in the controlling and limiting of coliforms and *Clostridia*. They also improve people's tolerance to lactose. They lower intestinal pH from 7–8 to 5–6 and prevent toxic amines. A healthy intestinal tract relies on sufficient quantities of these health-promoting friendly probiotics.

## *L. delbrueckii ssp. bulgaricus*

Improves immunity, digestion, and lactose tolerance; reduces cholesterol; and helps in controlling intestinal infections.

## *S. salivarius ssp. thermophilus*

Even though *S. salivarius ssp. thermophilus* does not colonize in

the intestine, its enzyme, lactase, transforms lactose into lactic acid, which in turn helps control harmful bacteria. It can also produce natural antibiotic-like substances and reduces lactose intolerance.

## Inulin

Increases the *Bifido* probiotics population in the colon, which in turn contributes to human health in many ways. New Roots Herbal's inulin is of the highest-quality, and extracted from chicory root.

### Inulin helps to:

- Proliferate *Bifido* probiotics and reduce detrimental bacteria
- Reduce toxic metabolites and detrimental enzymes
- Prevent pathogenic and autogenous diarrhea
- Prevent constipation
- Protect liver function
- Produce nutrients

## Arabinogalactan

Is a prebiotic: it selectively stimulates the growth and activity of probiotic bacteria. The maintenance of a healthy microbial balance is critical to immune function, as 80% of immune system function originates within the intestines.

## Colostrum: Complete and Comprehensive

Premium bovine colostrum, standardized to 8% polypeptides, broadens the benefits of **ProbioticIntensity** in several ways. PRPs (proline-rich polypeptides) work systemically throughout the body to support overall immune system response. PRPs also inhibit overproduction of "reactive oxygen species" to protect cells from oxidative stress.

Specific immunoglobulins (IgGs) and growth factors within bovine colostrum exert their benefits throughout the intestines. IgGs destroy pathogenic bacteria within the gut, while growth factors have a healing effect on the mucosal lining to alleviate symptoms of IBS and leaky gut syndrome. Colostrum also contains proteins that work synergistically as prebiotics for the growth of specific probiotic strains in **ProbioticIntensity**.

## Suggested use

**Adults, adolescents, and children ≥ 6 years old:** Take 1–2 capsules daily or as directed by your health-care practitioner. If you are taking antibiotics, take this product at least 2–3 hours before or after.

## Reference

1. Basu S, et al. "Effect of *Lactobacillus rhamnosus* GG in persistent diarrhea in Indian children: a randomized controlled trial". *Journal of Clinical Gastroenterology* Vol. 41, No. 8 (2007): 756–760.