



# Probiotic-Pro12™

## Advanced Multi Strain Formula

### 12 Billion Active Cells\* · 12 Gastric Resistant Strains

- A multi-strain blend which approximates the normal composition of intestinal flora and ensures balance to the entire intestinal tract
- Provides 8 human origin strains, 3 dairy, and 1 vegetable origin strain
  - Each strain has specific inhibitive functions against pathogenic and putrefactive microorganisms throughout the entire GI tract
  - Each strain is resistant to gastric acidity as well as high-bile concentrations
- High potency with at least 12 billion cfu per capsule at expiry date (guaranteed minimum 18 billion active cells at manufacturing date)
- Includes prebiotic FOS (fructooligosaccharides) inulin to promote probiotic growth

**Code:** 9456 **NPN:** 80038284  
**Size:** 60 Vegetarian Capsules  
**Actual Size:** 21 mm x 7 mm



### PRODUCT SUMMARY

The microbial ecosystem in the gastrointestinal (GI) tract has emerged as a “virtual organ system”, with growing recognition of its diverse significance in both health maintenance and disease prevention.<sup>1</sup> GI microbiota play a critical role in maintaining homeostasis of the innate and cell-mediated immune system and enhance intestinal barrier function through a number of mechanisms, including toxin metabolism, tight junction protein phosphorylation and inflammation reduction.<sup>2</sup> Research has clearly shown the importance of intestinal bacteria not just for maintaining optimal gastrointestinal health, but also for chronic and systemic health conditions such as type 2 diabetes, obesity, and other inflammatory or autoimmune diseases.<sup>3-6</sup>

Probiotics have multifactorial benefits, by modulating gut immune responses and intestinal barrier functions in a strain and dose-dependent manner. Additionally, mixtures of probiotics appear to have greater efficacy than single strains, perhaps because of synergistic activity or because individuals react differently to various strains.<sup>7-10</sup>

Probiotic-Pro12 contains 12 bacterial species, each chosen because they can withstand both gastric acid and high-bile concentrations, and for their proven benefits in clinical research, mediated via individual mechanisms of action. The high-quality lactic acid bacteria requires considerable care at all times, therefore over 20 stringent quality control measures are implemented to ensure strain consistency and viability right up until finished product.



# PROBIOTIC-PRO12™

ADVANCED MULTI STRAIN FORMULA · 12 BILLION ACTIVE CELLS\* · 12 GASTRIC RESISTANT STRAINS

**Serving Size:** 1–3 Vegetarian Capsules

**Servings per Container:** 20–60

### Each Capsule Contains:

12 billion active cells\* of the following specially cultured strains of probiotics:

Total bacterial culture .....	12 billion cfu
<i>Lactobacillus casei</i> (HA-108) (whole cell) (human) .....	25% ..... 3.00 billion cfu
<i>Lactobacillus rhamnosus</i> (HA-111) (whole cell) (human).....	12% ..... 1.44 billion cfu
<i>Bifidobacterium breve</i> (HA-129) (whole cell) (human) .....	10% ..... 1.20 billion cfu
<i>Bifidobacterium longum</i> subsp. <i>longum</i> (HA-135) (whole cell) (human).....	10% ..... 1.20 billion cfu
<i>Lactobacillus acidophilus</i> (HA-122) (whole cell) (human) .....	10% ..... 1.20 billion cfu
<i>Lactobacillus plantarum</i> (HA-119) (whole cell) (plant) .....	10% ..... 1.20 billion cfu
<i>Lactobacillus rhamnosus</i> (HA-114) (whole cell) (human).....	10% ..... 1.20 billion cfu
<i>Bifidobacterium bifidum</i> (HA-132) (whole cell) (human) .....	5% ..... 0.60 billion cfu
<i>Lactobacillus fermentum</i> (HA-179) (whole cell) (dairy) .....	5% ..... 0.60 billion cfu
<i>Lactobacillus salivarius</i> (HA-118) (whole cell) (human).....	1% ..... 0.12 billion cfu
<i>Lactobacillus paracasei</i> (HA-196) (whole cell) (dairy).....	1% ..... 0.12 billion cfu
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (HA-194) (whole cell) (dairy) .....	1% ..... 0.12 billion cfu

cfu: colony forming units

\*Guaranteed minimum 12 billion active cells per capsule at expiry date.

Guaranteed minimum 18 billion active cells per capsule at manufacture date.

**Non-medicinal Ingredients:** Maltodextrin, vegetarian capsule (carbohydrate gum [cellulose], purified water), fructooligosaccharides (naturally occurring complex fructose molecules derived from beets), inulin (chicory), vegetable grade magnesium stearate (lubricant), silica, ascorbic acid.

**Recommended Adult Dose:** 1–3 capsules per day on a full stomach or as directed by a health care practitioner. Take at least 2–3 hours before or after antibiotics.

**Recommended Use:** Contributes to a natural healthy gut flora.

**Caution:** May contain traces of milk and/or soy. Discontinue use and consult a health care practitioner if symptoms of digestive upset (e.g., diarrhea) occur, worsen, or persist beyond 3 days. Consult a health care practitioner prior to use if you have nausea, fever, vomiting, bloody diarrhea, or severe abdominal pain. 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.

**Contraindications:** Do not use if you have an immune-compromised condition (e.g., AIDS, lymphoma, patients undergoing long-term corticosteroid treatment).

**Drug Interactions:** No known drug interactions exist. Separation by at least 2 hours from antibiotic use may improve the efficacy of Probiotic-Pro12.

**Contains no artificial colours, preservatives, or sweeteners; no wheat, gluten, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Suitable for vegetarians.** Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

### References

1. Evans, J.M., Morris, L.S., Marchesi, J.R. (2013). The gut microbiome: the role of a virtual organ in the endocrinology of the host. *J Endocrinol*, 218(3), R37-47.
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· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



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