

# PureGG 25B

*Lactobacillus rhamnosus* GG – one of the most clinically studied probiotic strains – to support immune, GI, and overall health across all ages<sup>‡</sup>

Shelf-Stable

Allergen-Free

PureGG 25B provides 25 billion CFU of *Lactobacillus rhamnosus* GG, one of the most characterized and utilized probiotic strains on the market. It's been researched for 20+ years in hundreds of clinical trials across all ages, including infants and pregnant women. Identified for its adhesion properties and resistance to gastric acidity, *Lactobacillus rhamnosus* GG:<sup>2</sup>

- ✓ Supports healthy gut microflora<sup>‡</sup>
- ✓ Promotes bowel function<sup>‡</sup>
- ✓ Supports healthy immune balance<sup>‡</sup>

Especially good for patients who need support with immune function, abdominal comfort and occasional diarrhea.<sup>‡</sup>



## The Power of *Lactobacillus rhamnosus* GG

*Lactobacillus rhamnosus* GG is a well-known, well-researched probiotic strain that was isolated more than 20 years ago by Goldin and Gorbach (GG) from a fecal sample of a healthy adult, based on several selection criteria: high adhesion in vitro and high resistance to gastric acidity. Since then, it has become one of the most clinically documented probiotic strains. A growing body of evidence suggests *Lactobacillus rhamnosus* GG offers many benefits.<sup>2</sup>



## Pure Encapsulations® Probiotic Manufacturing

Every aspect of Pure Encapsulations' probiotic innovation, from formulation to manufacturing, is designed to maximize clinical effectiveness. From cold receipt of raw materials to packaging of finished goods, our proprietary Viability Triad (Figure 1) carefully controls for moisture, temperature, and timing on-site during manufacturing.

Probiotics like PureGG 25B adhere to a tightly regulated manufacturing process exceeding Good Manufacturing Practice (GMP) compliance to guarantee survival and stability.

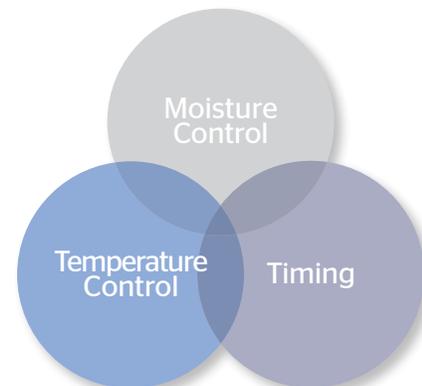


Figure 1: The Viability Triad

<sup>‡</sup>These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

# PureGG 25B

Features *Lactobacillus rhamnosus* GG – one of the most characterized and utilized probiotic strains on the market – now available from Pure Encapsulations®

## The Clinical Evidence for *Lactobacillus rhamnosus* GG

### Offers support for occasional diarrhea and abdominal comfort<sup>†</sup>

In a study involving 820 people traveling on holiday to southern Turkey, supplementation with *Lactobacillus rhamnosus* GG helped support occasional diarrhea, particularly for older individuals, compared to placebo.<sup>3</sup> In another study involving 141 children with abdominal discomfort, supplementation for 12 weeks offered significant support for abdominal comfort and intestinal integrity.<sup>4†</sup>

### Supports healthy gut microflora, growth, and GI function in infants<sup>†</sup>

In a study involving 105 infants, supplementation in formula for the first six months of life was found to promote healthy growth, as well as increased colonization with *lactobacilli* and healthy bowel function, compared to regular formula.<sup>5</sup> In one study, infants whose mothers had received *Lactobacillus rhamnosus* GG during the last weeks of pregnancy showed increased bifidobacterial diversity at 5 days of age.<sup>6†</sup>

### Supports respiratory and immune health in children<sup>†</sup>

Pregnant mothers and newborn infants to age 6 months received *Lactobacillus rhamnosus* (in divided doses). At 2 years of age, supplementation was found to significantly support skin comfort and respiratory health, results which persisted to age 4.<sup>7</sup> In another study involving children ages 1-7 attending day care, supplementation showed statistically significant support for upper respiratory tract health and immune function.<sup>8†</sup>

### Promotes cytokine balance in the GI tract at the level of gene expression, as well as overall immunomodulatory support<sup>†</sup>

In a clinical trial, *Lactobacillus rhamnosus* GG promoted healthy gene expression to support white blood cell (WBC) function. Elderly subjects who supplemented for 28 days showed 95 differentially expressed genes related to cellular movement, cell-to-cell signaling, and cytokine response.<sup>9†</sup>

In a double-blind, crossover study, supplementation moderated the neutrophil and monocyte immune response in dairy-challenged milk-sensitive subjects, while promoting immune function in non-sensitive subjects.<sup>10†</sup>

## PureGG 25B Supplement Facts

### Each vegetarian capsule contains:

*Lactobacillus rhamnosus* GG .....25 billion CFU

### Other ingredients:

Vegetarian capsule (cellulose, water).

### Recommendations:

Take 1 capsule daily, with or between meals.

### Serving size: 1 capsule

Servings per container: 60

**FREE FROM** common allergens, GMOs,<sup>†</sup> artificial ingredients, preservatives, and other unnecessary excipients



PureGG 25B	Quantity	Order Code
	60	PGG6

### References:

1. Nutrition Business Journal® 2016.
2. Pace F, Pace M, Quartarone G. *Minerva Gastroenterol Dietol.* 2015;61(4):273-292.
3. Oksanen PJ et al. *Ann Med.* 1990;22(1):53-56.
4. Francavilla R et al. *Pediatrics.* 2010;126(6):e1445-1452.
5. Vendt N et al. *J Hum Nutr Diet.* 2006;19(1):51-58.
6. Gueimonde M et al. *J Pediatr Gastroenterol Nutr.* 2006;42(2):166-170.
7. Kalliomaki M et al. *Lancet.* 2001;357(9262):1076-1079. Kalliomaki M et al. *Lancet.* 2003;361(9372):1869-1871.
8. Hojsak I et al. *Clin Nutr.* 2010;29(3):312-316.
9. Solano-Aguilar G et al. *PLoS One.* 2016;11(2):e0147426.
10. Pelto L et al. *Clin Exp Allergy.* 1998;28(12):1474-1479.

<sup>†</sup>Visit PureEncapsulations.com for more information on our GMO policy.

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## Part of the NEW PureGI™ Exclusive Protocol

Supports the new PureGI™ Protocol – backed by the latest in prebiotic, probiotic, and postbiotic microbiome science to support your patients' upper and lower GI function, from digestion to elimination.<sup>‡</sup>



Help your patients access one of the most clinically studied probiotic strains – from the #1 most trusted brand!<sup>†</sup> Visit [PureEncapsulations.com/puregg-25b](http://PureEncapsulations.com/puregg-25b)



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