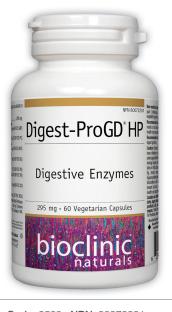
## PRODUCT SPECIFICATIONS





Code: 9503 NPN: 80072201 Size: 60 Vegetarian Capsules Actual Size: 19.4 mm x 5.9 mm

# **Digest-ProGD® HP**

# **Digestive Enzymes**

- Provides fungal and bacterial proteases to hydrolyze difficult-todigest proline-containing peptides such as gluten and casein
- Provides wide spectrum carbohydrate digestion with plant-based papain, bromelain, and fungal digestive enzymes
- High potency formulation allows for easy dosing, with nearly 300 mg enzyme blend delivered in each vegetarian capsule
- Completely suitable for vegetarians and vegans

## PRODUCT SUMMARY

Digest-ProGD® HP is a high potency proprietary enzyme blend, providing fungal proteases derived from *Aspergillus oryzae*, bacterial protease derived from *Bacillus subtilis*, as well as comprehensive carbohydrate digestive support from papain, bromelain, and fungal digestive enzymes. *Aspergillus oryzae* extracts are rich in prolyl endopeptidases as well as dipeptidyl peptidase IV (DPP-IV) – a multifunctional serine protease which targets proline containing peptides, such as those found in both gliadin and casein, both proteolytically resistant proteins.<sup>1-3</sup>

Indeed, protease activity from *Aspergillus oryzae* targets the proline-rich 33-mer of gliadin, perhaps the most immunotoxic peptide derived from gliadin.<sup>4</sup> The antigenic and immunomodulatory proline-rich proteins found in gluten are thought to trigger an inflammatory response in patients with either celiac disease or gluten sensitivity, often due to inadvertent gluten exposure, even for those on a gluten free diet.<sup>5</sup> Supplementation with protease from *Aspergillus oryzae* has also been linked to a bifidogenic effect in animals, suggesting a potential probiotic effect.<sup>6</sup>

In addition to fungal and bacterial proteases, Digest-ProGD<sup>®</sup> HP provides alpha-amylase, cellulose, and hemicellulose activity for comprehensive carbohydrate digestion support.



**To Place Your Order Email:** customercare@assurednatural.com **Call:** 1.844.384.7502 • **Fax:** 1.844.384.7503







### Serving Size: 1 capsules Servings per Container: 60

#### **Each Vegetarian Capsule Contains:**

Proprietary Enzyme Blend	
Fungal Protease (Aspergillus flavus var. oryzae) (whole)	153.35 mg (690 FCC SAP)
Bacterial Protease (Bacillus subtilis) (whole)	
Fungal Protease (Aspergillus flavus var. oryzae) (whole)	24.36 mg (6,700 FCC HUT)
Alpha-Amylase (Aspergillus flavus var. oryzae) (whole)	18.67 mg (2,800 FCC DU)
Bromelain (Ananas comosus var. comosus) (stem)	9.55 mg (315,000 FCC PU)
Papain <i>(Carica papaya)</i> (fruit)	
Cellulase (Trichoderma longibrachiatum) (whole)	3.78 mg (680 FCC CU)
Hemicellulase (Aspergillus niger) (whole)	2.34 mg (1,875 FCC HCU)
FCC: Food Chemical Codex, SAP: Spectrophotometric Acid Protease Unit, PC: Protease Unit, HUT: Hemoglobin Unit on the	
Tyrosine Basis, DU: Dextrinizing Unit, PU: Papain Unit, CU: Cellulase Unit, HCU: Hemicellulase Unit	

Non-medicinal Ingredients: Vegetarian capsule (carbohydrate gum [cellulose], purified water), microcrystalline cellulose, vegetable grade magnesium stearate (lubricant).

**Recommended Adult Dose:** 1 capsule 3 times per day with meals or as directed by a health care practitioner.

**Recommended Use:** Digest-ProGD<sup>®</sup> HP is a comprehensive, proprietary enzyme blend that supports the digestion of foods containing gluten proteins, as well as broad-spectrum carbohydrate support. Those with celiac disease should still avoid their allergenic foods.

Contraindications: Consult a health care practitioner prior to use if you have diabetes, a gastrointestinal lesion, ulcer, are taking an anticoagulant, blood thinner, anti-inflammatory, antibiotic, or are having surgery, are pregnant or breastfeeding, or have allergy to latex or fruits (avocado, banana, chestnut, passion fruit, fig, melon, mango, kiwi, pineapple, peach, tomato).

Drug Interactions: No known drug interactions.

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

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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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