

# • 40 Billion CFUs, 11 Strains

"Each type and strain perform a different role with particular benefits in terms of digestive and immune health."

# Supplement Facts

| Serving Size: 1 Capsule<br>Servings Per Container: 30  |                  |
|--|------------------|
| Amount Per<br>Serving                                  | % Daily<br>Value |
| MVW Nutritionals Proprietary Probiotic Blend 40 Bill   | ion CFU          |
| Lactobacillus acidophilus                              | *                |
| Saccharomyces boulardii                                | *                |
| Lactobacillus reuteri                                  | *                |
| DE111® Bacillus subtilis                               | *                |
| Lactobacillus rhamnosus                                | *                |
| Bifidobacterium bifidum                                | *                |
| Lactobacillus bulgaricus                               | *                |
| Lactobacillus casei                                    | *                |
| Bifidobacterium animalis lactis (formerly B. infantis) | *                |
| Bifidobacterium breve                                  | *                |
| Streptococcus thermophilus                             | *                |
| PreforPro®   | 15mg             |
| LH01 - Myoviridae                                      | *                |
| LL5 - Siphoviridae                                     | *                |
| T4D - Myoviridae                                       | *                |
| LL12 - Myoviridae                                      | *                |
| *Daily Value (DV) not established                      |                  |

Other Ingredients: Rice maltodextrin, Capsule (Hypromellose, pectin, water), Medium chain trialvcerides (MCT).

- Multi-strain probiotic supplements provide a broad spectrum of benefits
- Quantity and type are critical to maintaining overall well being
- DOES NOT contain any major allergen as listed by the US Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA). FALCPA identifies eight foods or food groups as the major food allergens. They are milk, eggs, fish, Crustacean shellfish, tree nuts, peanuts, wheat, and soybeans.
- · Independently certified Gluten Free.

## Novel Prebiotic PreforPro®

Supports the growth of healthy bacteria through a novel mechanism that is not fiber or starch-based by destabilizing the cell walls of bad bacteria

"Harmful bacteria in the gut can rob your body of essential nutrients by consuming those nutrients your body would absorb. Good bacteria, in many cases, have a difficult time displacing the unwanted bacteria and need help."

- Works with broad spectrum of probiotic species, stimulating growth of beneficial probiotic organisms
- · Efficacious in hours, not days like typical prebiotics
- · Functions in both small and large intestine

## GI and Temperature Stable DE111<sup>®</sup>

Supports healthy gut microflora by controlling microbial populations

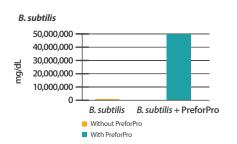
"Bacillus subtilus, considered a normal inhabitant of healthy gut, supports the normal breakdown of complex carbohydrates and fats, promoting proper digestion and nutrient absorption."

- Ability to form spores that protect microbes from harsh conditions until reaching an environment ripe for germination
- · Can persist in GI tract, increase in numbers and then re-sporulate
- · "Crowds out" bacterial pathogens to help maintain healthy gut flora

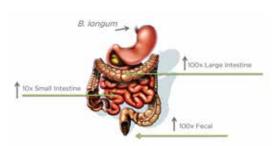
### PreforPro in Action

*In-vitro* and *in-vivo* tests have demonstrated growth-promoting effect of PreforPro on *Lactobacillus, Bifidobacterium, Bacillus subtilis* and *B. longum* when competing with undesireable bacterial strains. Effects are seen in hours, in both small and large intestines.

B. subtilis anaerobic growth after 5 hours under physiological conditions, competing with E. coli.



*In-vivo* growth of beneficial bacteria, *B. longum*, when competing with undesirable bacteria, *E.coli*, in different sections of the gastrointestinal tract of mice that were administered PreforPro.



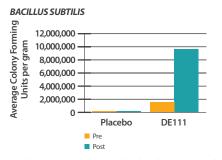
Within 24-hours subjects with PreforPro showed a 10-fold increase of B. longum in the ileum, and a 100-fold increase in the large intestine and fecal matter compared to those with B. longum alone.

## **DE111 Clinical Results**

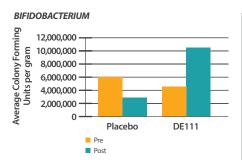
Randomized, double-blind, placebo controlled human clinical study demonstrated the ability of DE111 to support a healthy gut microflora by controlling microbial populations and supporting digestion.

#### CONTROLS MICROBIAL POPULATIONS

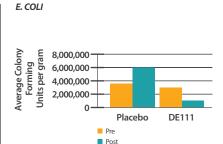
DE111 is a classic Bacillus subtilis strain that supports the normal proliferation of beneficial bacteria and crowds out other bacteria.



Subjects administered placebo demonstrated slight decrease in intestinal levels of the probiotic *Bacillus subtilis*, while those administered DE111 experienced significant increase.



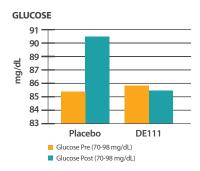
Subjects administered placebo demonstrated decrease in intestinal levels of the probiotic *Bifidobacterium*, while those administered DE111 experienced significant increase.



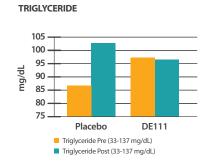
Subjects administered placebo demonstrated increase in levels of pathogenic bacteria *E. coli*, while those administered DE111 experienced slight decrease.

#### SUPPORTS DIGESTION AND MAINTAINS GENERAL HEALTH

DE111 supports the normal breakdown of complex carbohydrates and fats, promoting proper digestion and nutrient absorption.

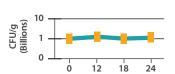


Subjects taking placebo experienced increased glucose levels, while levels in subjects taking DE111 were maintained.



Subjects taking placebo experienced increased triglyceride levels, while levels in subjects taking DE111 were maintained.

#### SHELF STABILITY ACTIVITY (CFU/g)



In stability testing, DE111 experienced virtually no loss of colony forming units (CFU) over 24 months, when stored at room temperature (25°C).

