

Howarus

PREMIUM PROBIOTICS

Customized Probiotic Solutions from DuPont™

Howaru **Probiotic Quality You Can Feel**

HOWARU[®] is a line of clinically mastered probiotic solutions from the leading industry experts at DuPont.

HOWARU® Signature Strains are offered as single strains or pre-formulated blends, all validated by goldstandard clinical trials. Each robust strain or strain-combination provides an array of benefits sure to meet your manufacturing needs and that of your unique customer.



Digestive Health

Immune Health

Vaginal Health

Respiratory Health

Brain	
Health	



Howaru

YOUR

HERE

WOMEN

At DuPont, we believe a well-balanced life starts from a well-balanced gut. That's why we have created a line of probiotic formulations designed to meet the needs of women everywhere, at every stage of life. From pregnancy and beyond, HOWARU® probiotic solutions feature condition-specific formulations created just for feminine wellness.



HOWARU® Feminine Health features clinically-documented probiotic strains for vaginal health and overall feminine wellness. This formulation has been shown to promote healthy vaginal microbiota in addition to having beneficial effects regarding bacterial vaginosis and vulvovaginal candidiasis when administered in conjunction with metronidazole or clotrimazole treatment, respectively.

- Formulated exclusively for women's health
- Promotes healthy vaginal microbiota
- Helps maintain healthy vaginal pH





IMMUNE

With over 70% of the immune system residing in the digestive tract, our gut is the first line of defense against potentially harmful pathogens and is closely related to overall health. Our daily diet directly affects gut health and therefore immune function. Accordingly the demand for dietary ways to support immunity has only been growing. This is why DuPont offers a full range of immune health probiotic options perfected for every stage of life.

♀ HOWARU[®] Protect EarlyLife ⁽⁾ ⁽⁾ ⁽⁾

6B CFU | Lactobacillus rhamnosus HN001™

HOWARU® Protect EarlyLife is a safe and proven probiotic formulation that supports the development of the immune system in infants. It has been clinically studied to support overall immunity in infants and children, with documented benefits spanning from birth through age 11.

- Proven safe for use with infants and children
- 🕗 Continually supports infant's immune system, year after year
- Provides increased levels of healthy bacteria in the intestinal tract of children

HOWARU[®] Protect Kids



5B CFU | Lactobacillus acidophilus NCFM[®] + 5B CFU | Bifidobacterium lactis Bi-07[™]

HOWARU[®] Protect Kids is an effective probiotic formulation for immune support in children. It features a multi-strain combination which has been proven clinically to help children have fewer respiratory symptoms and fewer missed days of school than their peer group.

- Helps promote optimal health in children
- Helps shorten duration of symptoms
- Supports fewer missed school days



2B CFU | Bifidobacterium lactis Bl-04®

HOWARU® Protect Adult is a proven probiotic solution for supporting overall immune health in adults. It features one well-documented strain for immune health, Bifidobacterium lactis Bl-04®, which research has shown to also bolster healthy respiratory function in adults.

- Promotes a healthy immune response
- Helps maintain healthy respiratory function
- Or. Preferred Probiotic for Respiratory Health*

* 2018 ProVoice Survey of 250 Board Certified Primary Care Physicians

HOWARU® Protect 55+



5B CFU | Bifidobacterium lactis HN019™

HOWARU® Protect 55+ is designed to promote immune enhancement in aging adults. Bifidobacterium lactis HN019[™] is supported by a long list of successful clinical studies on the health of the immune system in adults 55 and over, and is regarded as a natural, safe, and efficacious way to for the aging population to stay healthy.

- Promotes immune health in aging adults
- Helps maintain regularity
- Shifts microbial balance in favor of a healthy gut

HOWARU® Protect Sport

5B CFU | Lactobacillus acidophilus NCFM[®] + 5B CFU Bifidobacterium lactis Bi-07[™]

HOWARU® Protect Sport is a series of pre-formulated blends developed specifically for sports enthusiasts. It has been clinically shown to support respiratory health and energy levels in physically active adults and to help athletes stay healthy.

- Contributes to a significant increase in weekly exercise*
- Promotes gut comfort and helps to reduce occasional bloating
- Supports immune health

* those in probiotic group vs. placebo group



DIGESTIVE

Good gut health is key to overall health, especially when it comes to digestion. Improper diet, fastpaced lifestyles, travel, and medicines can all lead to digestive discomfort. That's why DuPont offers clinically-documented strains and pre-formulated blends to help restore our guts to optimal function and efficiency.



Promotes overall gut comfort



10B CFU | Bifidobacterium lactis HN019™

HOWARU® Transit is an evidence-based product studied to effectively shorten colonic transit time, support healthy digestion, and ease digestive discomfort including occasional gas and bloating. It was granted a health claim for supporting digestion by reducing gut transit time in Canada, Japan, Switzerland, and Brazil.

- Helps maintain regularity and promotes gut comfort
- Helps to relieve occasional constipation and ease flatulence
- Supports optimal intestinal balance



wellness. Each berry-flavored chewable features 2.5 billion CFU of *B. lactis* HN019™, a probiotic strain shown to maintain gut health in children.

Supports digestive health in children



WEIGHT MANAGEMENT

Obesity is a major health epidemic in the United States and increasingly around the world. Consumers continue to look for answers, as seen with the growth of weight management supplements to an over \$5 billion industry. This health and market trend is why we created a product that meets the consumer demand for a natural way to manage weight.

• HOWARU® Shape 🜔

10B CFU | Bifidobacterium lactis B420[™]

HOWARU® Shape is an innovative probiotic solution proven to keep your waist trim without requiring changes to diet or exercise. In a study published in EBioMedicine, HOWARU®Shape (10B CFU *B. lactis* B420[™] alone or in combination with 12g of prebiotic fiber Litesse® Ultra[™] polydextrose) controlled body fat mass, trunk fat mass, waist circumference, and reduced energy intake in overweight and obese adults.

- Controls waist circumference
- Helps to reduce calorie intake
- O Controls body and trunk fat mass
- \oslash Promotes an increase in *Akkermansia* which is linked to lean and healthy body weight

ORAL

A healthy smile is a top health concern of many adults today. An emerging component to selfcare routines includes taking a probiotic for oral health. HOWARU® probiotics feature clinicallyproven probiotic strains that provide benefits to help support the areas checked most often by dentists, including gum health.

• HOWARU® Smile

2B CFU | Bifidobacterium lactis HN019™

HOWARU® Smile is a scientifically-formulated probiotic solution that offers a natural, alternative way to support healthy gum tissue and promote an overall healthy smile. It features *Bifidobacterium lactis* HN019[™], which has had several pre-clinical and important reviews in vitro conducted on its ability to support oral health in addition to a human clinical trial conducted on patients with periodontitis.

- Provides a natural way to support oral health
- Promotes gum health
- Promotes a healthy oral microflora



BRAIN

Everyone experiences stress and anxiety at one time or another. In fact, 2 out of 3 adults report experiencing some level of stress in their everyday lives. Whether it is occasional or chronic, there are many negative health implications that are experienced as a result. This is why we are proud to introduce the new brain health line of products that provide a natural way to support overall mental well-being.

o HOWARU® Calm ♥

17B CFU | Lactobacillus paracasei Lpc-37®

HOWARU® Calm is an innovative probiotic solution to promote mental well-being in adults and has been clinically demonstrated to manage the mind's psychological response to stress. By significantly reducing users' perceived stress, the premium probiotic strain in HOWARU® Calm – *L. paracasei* Lpc-37® – helps balance mood, promote overall mental well-being and offer a relaxed state of mind

- Helps to manage the psychological response to stress
- \bigcirc Proven to reduce perceived stress
- ⊘ Promotes mental well-being
- Helps balance and regulate general feelings of stress



OUPONT>

Nutrition & Biosciences

HOWARU.COM

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