# NutriDyn<sup>™</sup> UltraBiotic Integrity

Targeted Probiotic Support for Gastrointestinal Integrity\*

#### PRACTITIONER EXCLUSIVE

### **UltraBiotic Integrity Supplementation**

Proper gastrointestinal integrity is of utmost importance for a myriad of vital processes, including nutrient absorption, digestive function, healthy immune response, body weight regulation, and much more.\*

UltraBiotic Integrity contains a specific beneficial strain of *Bifidobacterium lactis* known as B-420<sup>™</sup>.

Research continues to demonstrate the emerging importance of *Bifidobacterium lactis* B-420<sup>™</sup> for promoting healthy gastrointestinal integrity and supporting a variety of other beneficial activities throughout the body.<sup>+</sup>

UltraBiotic Integrity provides 10 billion colony-forming units (CFU) of *Bifidobacterium lactis* B-420<sup>™</sup> per serving for proper efficacy. Research suggests that the benefits of UltraBiotic Integrity may include:

- Supports gastrointestinal integrity\*
- Promotes healthy inflammatory processes\*
- Supports healthy body weight\*
- Supports a healthy immune response\*

## How UltraBiotic Integrity Works

*Bifidobacteria* are a genus of bacteria that are especially important for aiding nutrient digestion and endogenous vitamin synthesis.<sup>+1</sup> While there are several beneficial *Bifidobacteria*, research has been focusing on a specific probiotic strain as of late—*Bifidobacterium lactis* B-420<sup>™</sup>.

#### Bifidobacterium lactis B-420™

*B. lactis* B-420<sup>™</sup> is a promising probiotic strain that readily resists bile salts and acidic conditions of the human digestive tract, enabling it to efficiently colonize the gut.<sup>2</sup>

A body of evidence suggests that this particular strain of *B. lactis* has beneficial activities for gastrointestinal (GI) health, working through a variety of biological mechanisms to support GI integrity.\*





In fact, a recent study found a novel relationship between *B. lactis* B-420<sup>™</sup> and cyclooxygenases (COX) -1 and -2 expressions, with the researchers concluding that this particular probiotic strain may play an important role in inflammatory processes throughout the GI tract.\*<sup>3</sup> A similar study also found that *B. lactis* B-420<sup>™</sup> promotes healthy intestinal epithelial cells and supports tight junction integrity.\*<sup>4</sup>

Further research suggests *B. lactis* B-420<sup>™</sup> may present an efficacious strategy for reducing the risk of certain abnormalities by reversing bacterial translocation from the intestinal mucosa to adipose tissue, as well as by decreasing body weight gain associated with excessive energy (calorie) intake.<sup>45,6</sup>

*B. lactis* B-420<sup>™</sup> has also been shown to promote healthy immune function (e.g. support phagocytic activity) and reduce plasma lipopolysaccharide levels, thereby helping protect the body from potential toxins.<sup>47</sup>

## **Supplement Facts**

Form: 30 Capsules Serving Size: 1 Capsule

**Ingredients:** *Bifidobacterium lactis* B-420<sup>™††</sup> Amount %DV 10 Billion CFU<sup>+</sup> \*

**Other Ingredients:** Microcrystalline cellulose, digestive resistant capsule (hypromellose, gellan gum), vegetable magnesium stearate, silicon dioxide.

<sup>†</sup> At time of manufacture.

<sup>++</sup> B-420<sup>™</sup> is a trademark of DuPont.

**Directions:** Take one capsule daily or as directed by your healthcare practitioner.

*Caution:* If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.

#### References:

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ONO-GMO
GLUTEN-FREE
DAIRY-FREE
VEGETARIAN

 These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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