

## Digest DTX™

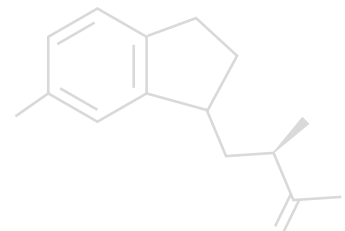
Botanicals, zinc carnosine, and a comprehensive vegan-sourced enzyme blend with patented delivery, targeting complete digestion plus promoting healthy immune responses and detoxification pathways\*



### Key Ingredients

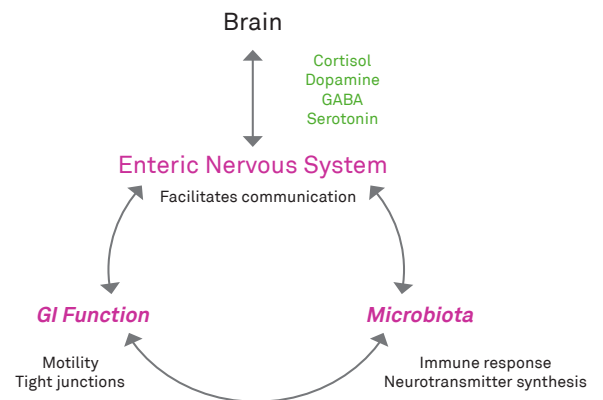
|  |  |
|--|--|
| <p><b>Enzyme blend</b><br/>(Biocore®<br/><b>Optimum Complete:</b><br/>Protease, Amylase,<br/>Alpha-Galactosidase,<br/>Glucoamylase, Lactase,<br/>Invertase, Lipase, Acid<br/>Maltase, Peptidase)</p> | <ul style="list-style-type: none"> <li>■ Fungal derived enzymes</li> <li>■ Blend targets multiple food antigens with activity at fluctuating pH levels to <b>optimize fundamental digestion*</b></li> </ul>  |
| <p><b>Cilantro leaf</b><br/>(<i>Coriandrum sativum</i>)</p>  | <ul style="list-style-type: none"> <li>■ Research shows cilantro leaf <b>supports liver detoxification, improves antioxidant status, and promotes a balanced microbiota</b><sup>1,2*</sup></li> </ul>  |
| <p><b>Apple cider vinegar</b></p>  | <ul style="list-style-type: none"> <li>■ Research suggests apple cider vinegar <b>supports immune regulating properties</b> through the downregulation of toxic protein expression and TNF-<math>\alpha</math>, IL-6 expression<sup>3*</sup></li> </ul>  |
| <p><b>Theracurmin®</b><br/>(<i>Curcuma longa</i>,<br/>standardized to<br/>30% curcuminoids)</p>  | <ul style="list-style-type: none"> <li>■ Curcumin, a polyphenol in turmeric, contains significant immune regulating properties<sup>4*</sup></li> <li>■ Specialized curcumin prep shown <b>27x more bioavailable</b> than regular turmeric and found to <b>improve detox status</b><sup>5*</sup></li> </ul> |
| <p><b>Zinc carnosine</b></p>   | <ul style="list-style-type: none"> <li>■ Chelated compound of zinc and L-carnosine</li> <li>■ Research shows <b>benefits to gut mucosal lining, epithelial tissue, and liver health</b><sup>15*</sup></li> </ul>   |

### The Science



- The brain receives neurotransmitters synthesized in the gut and promotes gut health through **motility, immune health, and tight junction function**<sup>6-9</sup>
- The enteric nervous system contains **5x** as many neurons as the spinal cord and helps relay messages from the brain to the gut<sup>8-10</sup>
- Proper gut health promotes **balanced immune function**, healthy neurotransmitter production, and **improved digestion**<sup>8</sup>

### The Gut-Brain Connection

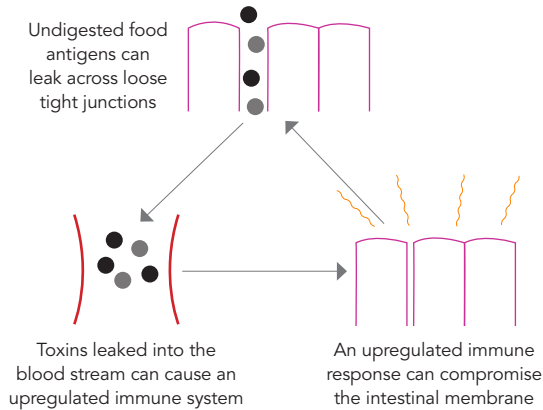


Green = Biomarker

\*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.

# MORE SCIENCE BEHIND DIGEST DTX

Figure 1. The Toxin-Induced Immune Cycle



## Food antigens and the immune system

Undigested food antigens can travel across a weakened epithelial barrier to trigger the immune response<sup>11</sup>

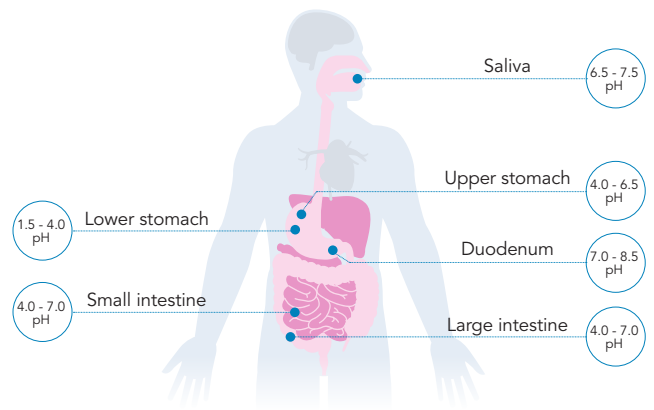
- Factors such as stress, immune activity, poor diet, and microbial imbalance can cause tight junctions to fluctuate<sup>12</sup>
- Loosened tight junctions perpetuate antigens crossing into the blood stream, triggering an immune response<sup>11</sup>

A continually upregulated immune response can further disrupt the epithelial barrier<sup>11</sup>

- TNF- $\alpha$  has been shown to regulate the epithelial barrier in a human intestinal cell line<sup>13</sup>
- Turmeric, apple cider vinegar modulate the immune response (via TNF- $\alpha$ ) and zinc carnosine promotes gut lining health<sup>3,4,15\*</sup>

Digest DTX helps break the toxin-induced immune cycle with digestive enzymes plus ingredients to balance immune activity, promote detoxification, and support epithelial tissue<sup>3-5,15\*</sup>

Figure 2. pH Along the Digestive Tract



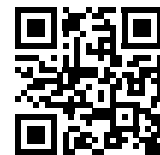
## Enzyme, antigen, and proper pH

Enzyme activity should mimic natural digestion, through the acidic conditions of the stomach to the intestines\*

- Enzyme activity should mimic natural digestion, through the acidic conditions of the stomach to the intestines
- An enzyme should break down the targeted antigen effectively at the pH of the targeted digestion site

The enzymes in Digest DTX are tailored to break down multiple food antigens in their optimal pH, starting in the stomach and along the digestive tract<sup>14\*</sup>

| Enzyme Example | Target   | Optimum pH | Site of Digestion |
|----------------|----------|------------|-------------------|
| Protease blend | Proteins | 2.0 - 11.0 | Stomach           |
| Amylase        | Starch   | 3.0 - 7.0  | Small Intestine   |
| Lactase        | Lactose  | 2.5 - 7.0  | Small Intestine   |
| Lipase         | Fats     | 4.0 - 8.0  | Small Intestine   |



Rotate in a new probiotic?

Learn more about NeuroBiota at [www.neuroscienceinc.com/products/neurobiota](http://www.neuroscienceinc.com/products/neurobiota)

| Item Number | Available Sizes | Serving Size |
|-------------|-----------------|--------------|
| 20067       | 60 Capsules     | 1 Capsule    |

NeuroScience products undergo third-party testing to deliver the consistent quality trusted by healthcare providers over the last 20+ years

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