

## BIOTRANSFORMATION SHAKE MIX\*



Available in Chocolate Mint, Chai, Creamy Chocolate & Vanilla Delight

## Discussion

**VegaPro™** XYMOGEN's proprietary blend of pea protein concentrate, pea protein isolate, glycine, taurine, rice protein concentrate, and L-glutamine provides 21 g of plant-based protein per serving of i5. VegaPro is easily digested, is gluten-free, and achieves an amino acid score of 100%.<sup>[1,2]</sup> This amino acid profile supports protein metabolism and lean body mass. Aminogen® enhances protein digestibility and absorption.\*

**IgG 2000 CWP™** is an immunoglobulin concentrate from colostrum whey peptides that delivers a minimum of 40% IgG immunoglobulin along with an array of compounds, including growth factors, sialic acid, lactoferrin, proline-rich peptides (PRPs), oligosaccharides, and gangliosides. Each of these components provides the user with different and complementary health benefits, such as fundamental support of immune function and modulation, lean body mass, brain and thymus health, microbiota modulation, and cytokine balance.\*<sup>[3]</sup>

Oral consumption of immunoglobulins derived from colostrum is a means of supporting passive immunity, protecting the body, and eliminating unwanted molecules.<sup>[4-7]</sup> The most versatile, IgG, is capable of carrying out all of the functions of immunoglobulin molecules, accounting for IgG 2000 CWP's broad range of immune-supportive effects.<sup>[8]</sup> Review of the research confirms that bovine colostrum supplementation confers other benefits, such as the maintenance of gastrointestinal integrity.<sup>[9-11]</sup> Oral immunoglobulins have been used in sports nutrition to support lean body mass,<sup>[12]</sup> physical exercise, and recovery following high-intensity training.<sup>[9,13]</sup> The 2.5 grams of immunoglobulins in each serving of i5 contribute to individual dosing requirements.\*

**Oncoplex™** (glucoraphanin) This patented plant-based ingredient, also known as sulforaphane glucosinolate, is extracted from one of its most concentrated cruciferous sources—broccoli seeds.<sup>[14]</sup> An abundance of research demonstrates that when glucoraphanin is broken down to its active form, sulforaphane, it safely and effectively upregulates the body's natural phase II detoxification enzymes.<sup>[15-17]</sup> This activity in turn supports antioxidant activity and helps protect cells, cell membranes, and tissues from free-radical damage.\*

## Clinical Applications

- » Supports Improved Body Composition\*
- » Supports Immune Function by Providing Immunoglobulins and Other Immune Factors\*
- » Supports Healthy Cytokine Production\*
- » Supports Intestinal Health\*
- » Supports Detoxification\*

*i5™ represents an innovative approach to biotransformation for individuals whose health is constantly challenged. This all-natural, fructose-free formula includes ingredients that promote overall gastrointestinal health and support detoxification mechanisms and cytokine balance in the body. i5 features patented and proprietary ingredients, including 21 g of VegaPro™, a non-GMO, vegetable-based protein, as well as IgG 2000 CWP™, Oncoplex™ (glucoraphanin), and arabinogalactan, a prebiotic. Practitioners have reported best results when i5 is combined with a modified elimination diet.\**

**Arabinogalactan** Sourced from the larch tree, arabinogalactan is a non-digestible, soluble dietary fiber that contains arabinose and galactose monosaccharides. It is considered an excellent source of fiber, favorably supports gut microflora as a prebiotic, and serves as a precursor to short-chain fatty acids, all elements that help support gastrointestinal health.\*<sup>[18,19]</sup>

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\*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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**i5™ Vanilla Delight Nutrition Facts**

Serving Size: 2 scoops (about 45 g)  
 Servings Per Container About 14

Calories 160	Calories From Fat 30
%Daily Value*	
<b>Total Fat</b> 3g	5%
Saturated Fat 1g	5%
<b>Sodium</b> 360mg	15%
<b>Potassium</b> 390mg	11%
<b>Total Carbohydrate</b> 16g	5%
Dietary Fiber 6g	24%
Sugars 6g	
<b>Protein</b> 21g	42%
Calcium	4%
Iron	25%

\* Percent Daily Values are based on a 2,000 calorie diet.

**Ingredients:** VegaPro™ (XYMOGEN's proprietary blend of pea protein concentrate, pea protein isolate, glycine, taurine, rice protein concentrate, and L-glutamine), dried cane syrup, fiber complex (inulin (from chicory) and oat fiber), natural flavors (no MSG), IgG 2000 CWP™ (immunoglobulin protein concentrate), sunflower oil, arabinogalactan, tripotassium citrate, cellulose gum, xanthan gum, medium-chain triglyceride oil, Aminogen® (proprietary plant enzyme blend), OncoPLEX™ (SGS™ broccoli seed extract), guar gum, stevia leaf extract, and silica.  
**Contains:** Milk

**DIRECTIONS:** Blend, shake, or briskly stir 2 level scoops (45 g) into 8-12 oz chilled water and consume one to two times daily, or as directed by your healthcare practitioner. Adjust amount of water to desired sweetness and thickness.

Consult your healthcare practitioner prior to use. Individuals taking medication should discuss potential interactions with their healthcare practitioner. Do not use if tamper seal is damaged.

**DOES NOT CONTAIN:** Wheat, gluten, yeast, soy, fish, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or artificial preservatives.

**STORAGE:** Keep tightly closed in a cool, dry place out of reach of children.

Per Serving (2 scoops) of i5™:

IgG 2000 CWP™	2.5 g
Arabinogalactan	1 g
Glucoraphanin (from OncoPLEX™)	30 mg

Typical Amino Acid Profile Per Serving:

Alanine	926 mg	Methionine	271 mg
Arginine	1,766 mg	Phenylalanine	1,157 mg
Aspartic Acid	2,446 mg	Proline	966 mg
Cysteine	252 mg	Serine	1,232 mg
Glutamic Acid	3,520 mg	Taurine	500 mg
Glycine	2,883 mg	Threonine	887 mg
Histidine	544 mg	Tryptophan	227 mg
Isoleucine	949 mg	Tyrosine	851 mg
Leucine	1,793 mg	Valine	1,120 mg
Lysine	1,597 mg		



**References**

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Additional references available upon request

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All XYMOGEN® Formulas Meet or Exceed cGMP Quality Standards.

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