

UltraInflamX Plus 360[®]

Advanced Nutritional Support for the Management of Compromised Gut Function in IBD



Advanced Scientific Approach To Help Nutritionally Manage IBD

Inflammatory bowel disease (IBD), including Crohn's disease and ulcerative colitis, impacts approximately 1.6 million Americans.¹⁻² Patients challenged by IBD are at risk of developing nutritional deficiencies due to malabsorption, which can have devastating effects on their long-term health and quality of life.

UltraInflamX Plus 360[®] is a medical food specially formulated to provide strategic macro- and micronutrient support for patients with compromised gut function resulting from IBD. Medical foods offer patients targeted nutrition not obtained through diet alone.

Why UltraInflamX Plus 360[®]?

- Formulated with highly absorbable forms of xanthohumol (XNT ProMatrix[®]) and curcumin (CurQfen[®])
- Proprietary vegan pea/rice protein blend with added amino acids (standardized to 50% essential amino acids, including branched-chain amino acids)³⁻⁴
- L-glutamine to support intestinal epithelial cells³⁻⁴
- Formulated with isomalto-oligosaccharides (IMO), a type of prebiotic that encourages the production of short-chain fatty acids (SCFA), which promote intestinal epithelial health and a healthy intestinal environment⁵⁻⁷
- Fat profile includes flaxseed oil—a source of alpha-linoleic acid (an omega-3 fatty acid) and medium-chain triglycerides, which don't require pancreatic enzymes for absorption and thus may be more easily absorbed by some patients⁸

Key Ingredients

- Features next-generation selective kinase response modulators (SKRMs) in XNT ProMatrix—a proprietary protein matrix technology designed to enhance delivery of high-quality xanthohumol from hops⁹
 - XNT ProMatrix provides 81% more bioavailability than standard xanthohumol
- Features CurQfen[®], a clinically studied,¹⁰ patented curcumin blend designed for greater bioavailability for more reliable clinical outcomes
 - CurQfen[®] consumption has been demonstrated to result in up to 45.5 times more free curcuminoids in human plasma compared to a standard curcumin extract

NOTICE: THIS PRODUCT IS TO BE USED UNDER THE DIRECT SUPERVISION OF A PHYSICIAN OR OTHER LICENSED HEALTHCARE PRACTITIONER. DO NOT ENGAGE IN ANY DIET SUPPLYING LESS THAN 800 CALORIES PER DAY WITHOUT MEDICAL SUPERVISION.

Clinical Research

In a preliminary study, XNT ProMatrix increased the bioavailability of xanthohumol and its metabolites by 81% as measured by AUC (Figure 1)⁹

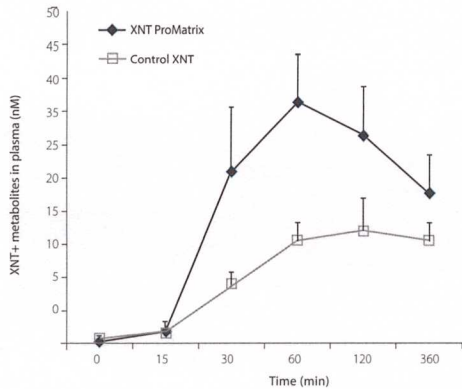


Figure 1. Plasma levels (mean+SEM) of XNT and its metabolites from baseline to 6 hours after consumption of XNT ProMatrix or a control XNT.

In an open-label, randomized, crossover clinical study, dosing with CurQfen® resulted in up to 45.5x more curcuminoids in human plasma compared to a standard curcumin extract (Figure 2)¹⁰⁻¹¹

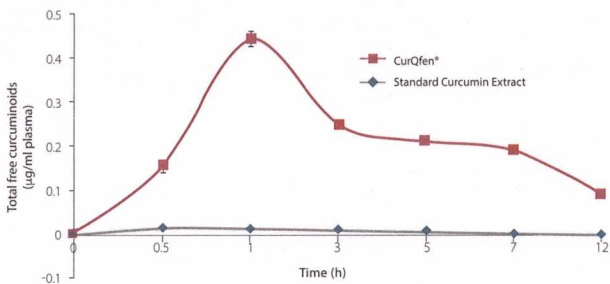


Figure 2. In a randomized, crossover study of 50 subjects, the CurQfen® group demonstrated 45.5x more bioavailability of free curcuminoids in plasma (AUC) as per HPLC-PDA detection method. Subjects were given a single dose of 400 mg of curcumin in each group, and blood levels of curcumin were measured over 12 hours. Data represented as mean+SEM.¹¹

References:

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UltraInflamX Plus 360° Medical Food

Flavor: Mango

Form: Powder

Serving Size: 2 Scoops (44 g)

Calories	170
Total Fat	7 g
Saturated Fat†	1.5 g
Trans Fat	0 g
Polyunsaturated Fat	1.5 g
Monounsaturated Fat	2.5 g
Cholesterol	0 mg
Sodium	120 mg
Potassium	350 mg
Total Carbohydrate	16 g
Dietary Fiber	6 g
Sugars	4 g
Protein	13 g ^{††}

Typical Amino Acid Profile per Serving*

Amino Acid	mg/Serving
L-Alanine	570
L-Arginine***	1120
L-Aspartic Acid	1410
L-Cystine (Cysteine)***	150
L-Glutamic Acid	2130
L-Glutamine***	750
Glycine***	520
L-Histidine**	320
L-Isoleucine (BCAA)**	1040
L-Leucine (BCAA)**	1820
L-Lysine** (as L-lysine HCl)	1630
L-Methionine**	170
L-Phenylalanine**	690
L-Proline***	560
L-Serine***	660
L-Threonine**	480
L-Tryptophan**	130
L-Tyrosine***	510
L-Valine (BCAA)**	1180

†Saturated fat content is contributed by a beneficial form of fat, medium chain triglycerides

††16 g total protein with added amino acids: L-lysine, L-leucine, L-glutamine, L-valine, and L-isoleucine

**Contributed by pea protein, added amino acids, and rice protein

***Essential amino acid

****Conditionally essential amino acid

*Product information shown is for Pineapple Banana flavor

Each Serving Contains:

Vitamin A	1,250 IU
Vitamin C	30 mg
Calcium	500 mg
Iron	3.5 mg
Vitamin D ₃ (as cholecalciferol)	400 IU
Vitamin E	7.5 IU
Thiamin	0.375 mg
Riboflavin	0.425 mg
Niacin	5 mg
Vitamin B ₆	0.5 mg
Folate	200 mcg
(as calcium L-5-methyltetrahydrofolate)	
Vitamin B ₁₂ (as methylcobalamin)	3 mcg
Biotin	75 mcg
Pantothenic Acid	2.5 mg
Phosphorus	340 mg
Iodine	37.5 mcg
Magnesium	260 mg
Zinc	13 mg
Selenium	52.5 mcg
Copper	1.5 mg
Manganese	2.5 mg
Chromium	120 mcg
Chloride	400 mg
Alpha-Linolenic Acid	400 mg*
(ALA) (from flaxseed)	
A Proprietary Mix of Curcumin	
(from <i>Curcuma longa</i> L. rhizome	
extract) and Fenugreek Soluble	
Fiber from <i>Trigonella foenum-</i>	
<i>graecum</i> seed extract)†	250 mg*
Quercetin	200 g*
Rosemary (<i>Rosmarinus officinalis</i>)	
Leaf Extract	100 mg*
Ginger (<i>Zingiber officinale</i>) Rhizome	
Extract	100 mg*

* Daily value not established

†CurQfen® is a registered trademark of Akay Flavours & Aromatics Pvt. Ltd and Bioactives American Corporation

Directions: Blend (for no longer than 15 seconds), shake, or briskly stir 2 level scoops of UltraInflamXPlus 360° (44 g) into 8 fluid ounces of chilled water, juice, or acceptable fruit as listed in the dietary guidelines. Take twice per day or as recommended by your healthcare practitioner. Consume within 10 minutes of reconstitution. Refer to the UltraInflamX medical food program guide for easy-to-follow guidelines, tips, recipes, and more.

Ingredients: Pea protein isolate, isomaltoligosaccharide, rice protein concentrate, rice bran, calcium citrate, high oleic sunflower oil, organic cane sugar, flaxseed, magnesium citrate, natural flavors, medium chain triglycerides, L-lysine HCl, silica, L-leucine, L-glutamine, L-valine, dipotassium phosphate, L-isoleucine, protein matrix and polyphenols from hops extract, a proprietary mix of curcumin and fenugreek soluble fiber, quercetin, vitamin and mineral blend (zinc gluconate, ascorbic acid, manganese gluconate, d-alpha tocopheryl acetate, copper gluconate, D-biotin, retinyl palmitate, niacinamide, cholecalciferol, d-calcium pantothenate, chromium picolinate, pyridoxine HCl, riboflavin, potassium iodide, thiamin HCl, methylcobalamin, calcium L-5-methyltetrahydrofolate, and selenomethionine), xanthan gum, ginger rhizome extract, rosemary leaf extract, Luo Han Guo fruit (monk fruit) extract, and guar gum.

This product is non-GMO and gluten-free.

WARNING: If pregnant, nursing or taking prescription drugs such as anticoagulant or antiplatelet medication, consult your healthcare practitioner prior to use. Keep out of the reach of children.

⦿ Talk to your healthcare practitioner today about
UltraInflamX Plus 360°, or visit **Metagenics.com**

