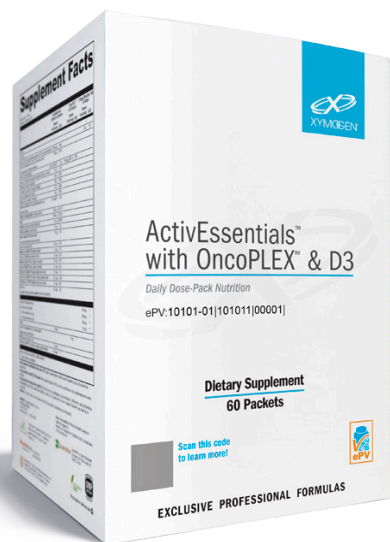


# ActivEssentials™ with OncoPLEX™ & D3

## Daily Dose-Pack Nutrition



Available in 60 packets

## Discussion

The average diet can be lacking in complete nutrition due to modern food-production techniques, poor food choices, and nutrient-depleting preparation methods.<sup>[1-3]</sup> Combine these with the toll of lifestyle stress and oxidizing chemicals—found in foods and the environment—and it becomes essential to ensure comprehensive foundation nutrition for the body. To help achieve this, each cellophane-wrapped packet of ActivEssentials with OncoPLEX & D3 contains the following XYMOGEN formulas and ingredient combinations:\*

**ActivNutrients® without Iron** This high-quality, hypoallergenic multivitamin/mineral blend provided in vegetable capsules not only features activated vitamin cofactors and patented Albion® chelated mineral complexes, but it also includes folate as 5-MTHF as well as methylcobalamin as MecobalActive™. The form of 5-MTHF is Quatrefolic®, which is proven to have greater stability, solubility, and bioavailability compared to calcium salt forms of 5-MTHF.<sup>[4]</sup> MecobalActive is a patented form of methylcobalamin that has very high purity; no harmful solvents are used in its production.<sup>[5]</sup> The balanced nutrient profile in ActivNutrients™ without Iron supports vitamin/mineral synergistic activity; antioxidant protection with vitamins C and E, selenium, and carotenoids; and phase I detoxification.\*

**Omega MonoPure® 650 EC** is made using a proprietary MaxSimil composition containing monoglyceride fish oil with no additional ingredients, carriers, or excipients. Each fish-gelatin softgel is enteric-coated, and every batch of fish oil is IFOS five-star certified to ensure the world's highest standards for purity, potency, and freshness. The fish oil is non-GMO, certified sustainable from Scandinavia, and antibiotic-free. Additionally, it is eco-friendly because the greater absorption of EPA and DHA ultimately means that fewer grams of fish oil need to be harvested for the same benefit. Research suggests that consumption of EPA and DHA omega-3 fatty acids may support cardiovascular health.<sup>[6]</sup> Studies have also shown that fish oils may support healthy cytokine production, promote optimal joint function<sup>[7]</sup>, and support overall brain and nervous system function.\*<sup>[8]</sup>

## Clinical Applications

- » Provide Foundation Micronutrition for a Variety of Protocols\*
- » Support Improved Dietary Nutrient Intake\*
- » Provide Long-Lasting Antioxidant Support\*
- » Support Individuals with Higher Vitamin D Requirements\*

*ActivEssentials™ with OncoPLEX™ & D3 is a conveniently dose-packaged combination of three formulas that provide comprehensive nutritional support for health and well-being especially when higher vitamin D intake and long-lasting antioxidant support against free radical damage is desirable.\**

**OncoPLEX™ and D3** This combination contains truebroc® glucoraphanin, a patented phytochemical derived from broccoli extract that is featured in XYMOGEN's OncoPLEX formulas, and bioactive D3. These two nutrients continue to be the focus of much research for their protective roles at both system and cellular levels.\*

OncoPLEX delivers 15 mg of glucoraphanin, the glucosinolate in broccoli that converts to sulforaphane in the body. Extensive research suggests that when glucoraphanin is enzymatically converted to sulforaphane (its active form), it safely and effectively supports the Nrf2 system, antioxidant systems, and vital phase II detoxification enzymes.<sup>[9,10]</sup> This process provides protection from common toxins and xenobiotics. In addition, sulforaphane has been shown to support normal cell-life regulation.<sup>[11-14]</sup> It has also been shown to support the body's response to harmful microbes, a healthy response to aging-associated changes in cytokine production, and eye and cardiovascular health.\*<sup>[15-19]</sup>

D3 is provided as 2000 IU of cholecalciferol, identical to the form in which it is derived in the body from cholesterol and synthesized by sunlight on the skin. Although vitamin D forms are similar biochemically, a recent study reported D3 to be approximately 87% more potent in raising and maintaining serum 25-hydroxyvitamin D (25[OH]D) concentrations and in producing two- to threefold greater storage of vitamin D than did equimolar D2 (ergocalciferol).<sup>[20]</sup> In addition to musculoskeletal benefits, research now suggests that optimal serum levels of vitamin D support normal cell differentiation, cardiovascular health, normal immune function, good balance, healthy mood, normal fetal development, neuronal growth and neurodevelopment, healthy glucose metabolism, periodontal health, and normal intestinal immune responses.\*<sup>[21-23]</sup>

\*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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Bone Health Support

Cardiovascular Support

Cell-Life Regulation

Cytokine Balance Support

Immune System Support

Multivitamins & Minerals

# ActivEssentials™ with OncoPLEX™ & D3 Supplement Facts

Serving Size: 1 Packet

	2 ActivNutrients® without Iron Capsules		1 OncoPLEX™ & D3 Capsule MonoPure® 650 EC Softgel		1 Omega 650 EC Softgel	
	Amount Per Serving	%DV	Amount Per Serving	%DV	Amount Per Serving	%DV
Calories					5	
Total Fat					0.5 g	1%†
Vitamin A (75% as natural beta-carotene and 25% as retinyl palmitate)	1,120 mcg	124%				
Vitamin C (as sodium ascorbate, potassium ascorbate, zinc ascorbate, and calcium ascorbate)	125 mg	139%				
Vitamin D3 (as cholecalciferol)	2.5 mcg (100 IU)	13%	50 mcg (2,000 IU)	250%		
Vitamin E (as d-alpha tocopheryl succinate)	67 mg	447%				
Thiamin (as thiamine mononitrate)	10 mg	833%				
Riboflavin (as riboflavin 5'-phosphate sodium)	10 mg	769%				
Niacin (as niacinamide and niacin)	32 mg	200%				
Vitamin B6 (as pyridoxal 5'-phosphate)	10 mg	588%				
Folate (as (6S)-5-methyltetrahydrofolic acid, glucosamine salt) <sup>S1</sup>	340 mcg DFE	85%				
Vitamin B12 (as methylcobalamin)	250 mcg	10,417%				
Biotin	500 mcg	1,667%				
Pantothenic Acid (as d-calcium pantothenate)	100 mg	2,000%				
Choline (as choline dihydrogen citrate)	18 mg	3%				
Calcium (as di-calcium malate <sup>S2</sup> , d-calcium pantothenate, and calcium ascorbate)	50 mg	4%				
Iodine (as potassium iodide)	50 mcg	33%				
Magnesium (as di-magnesium malate) <sup>S2</sup>	50 mg	12%				
Zinc (as zinc bisglycinate chelate) <sup>S2</sup>	6.5 mg	59%				
Selenium (as selenium glycinate complex) <sup>S2</sup>	50 mcg	91%				
Copper (as copper bisglycinate chelate) <sup>S2</sup>	0.5 mg	56%				
Manganese (as manganese bisglycinate chelate) <sup>S2</sup>	0.25 mg	11%				
Chromium (as chromium nicotinate glycinate chelate) <sup>S2</sup>	250 mcg	714%				
Molybdenum (as molybdenum glycinate chelate) <sup>S2</sup>	25 mcg	56%				
Potassium (as potassium glycinate complex <sup>S2</sup> and potassium ascorbate)	49.5 mg	1%				
Fish Oil Concentrate <sup>S3</sup>					650 mg	**
Total Omega-3 Fatty Acids					430 mg	**
EPA (eicosapentaenoic acid)					300 mg	**
DHA (docosahexaenoic acid)					130 mg	**
DPA (docosapentaenoic acid)					12 mg	**
Inositol	18 mg	**				
Glucoraphanin (from broccoli extract)( <i>Brassica oleracea italica</i> )(seed) <sup>S4</sup>			15 mg	**		
PABA ( <i>para</i> -aminobenzoic acid)	6 mg	**				
Vanadium (as vanadium nicotinate glycinate chelate) <sup>S2</sup>	375 mcg	**				

† Percent Daily Values are based on a 2,000 calorie diet.  
\*\* Daily Value (DV) not established.

**Other Ingredients for ActivNutrients without Iron:** Capsule (hypromellose and water), microcrystalline cellulose, ascorbyl palmitate, silica, medium-chain triglyceride oil, and mixed tocopherols.

**Other Ingredients for OncoPLEX & D3 capsule:** Microcrystalline cellulose, capsule (hypromellose and water), vegetable stearic acid, vegetable magnesium stearate, and silica.

**Other Ingredients for Omega MonoPure 650 EC:** Softgel (fish gelatin, vegetable glycerin, and purified water), GRAS enteric coating (ethylcellulose, sodium alginate, purified water, medium-chain triglycerides, oleic acid, vegetable stearic acid, and ammonium hydroxide), and mixed natural tocopherols.


**Contains:** Fish (anchovy and/or sardine [sources of fish oil]), tilapia and/or pangasius [sources of fish gelatin].

**DIRECTIONS:** Consume the contents of one packet daily, or as directed by your healthcare professional.

Consult your healthcare professional prior to use. Individuals taking medication, especially blood thinners, should discuss potential interactions with their healthcare professional. Do not use if packet is damaged.

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

**FORMULATED TO EXCLUDE:** Wheat, gluten, yeast, soy protein, dairy products, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, and artificial preservatives.

 <sup>S1</sup> Quatrefolic® is a registered trademark of Gnosis S.p.A. Produced under U.S. Patent 7,947,662.

 <sup>S2</sup> Albion®, DimaCal®, TRAACS® and the Albion Gold Medallion® are registered trademarks of Albion Laboratories, Inc.

<sup>S3</sup> MaxSimil® is a registered trademark of Ingenutra Inc. Protected under U.S. Patents 8,119,690 and 8,196,324; Canadian patents 2672513 and 2677670.

 <sup>S4</sup> TrueBroc® is protected by trademarks and patents of Brassica Protection Products LLC. www.brassica.com/lp

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Additional references available upon request

All XYMOGEN® Formulas Meet or Exceed cGMP Quality Standards.

\*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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DRS-240  
Rev. 06/29/22

