

# 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, proprietary multivitamin/mineral blend features activated vitamins, such as 5-methyltetrahydrofolate (5-MTHF) and methylcobalamin, and patented Albion® chelated mineral complexes. The balanced nutrient profile in ActivNutrients without Iron supports vitamin/mineral activity; antioxidant protection with vitamins C and E, selenium, and carotenoids; and Phase 1 detoxification.\*

**OmegaPure 600 EC™** Each enteric-coated softgel contains 1.2 g of fish oil, delivering 360 mg EPA and 240 mg DHA. A rigorous, proprietary, temperature-controlled/vacuum technology is used for purification and manufacturing. Stringent verification processes reduce any potential health risks which may otherwise result from the oil's exposure to rancid fats, toxins, bacteria, molds, yeasts, or very high levels of fat-soluble vitamins, such as vitamin A. XYMOGEN is proud to guarantee the quality, potency, purity, stability, and disintegration time of OmegaPure fish oils. In addition to complying with a host of federal and state regulations, our supplier also agrees to adhere to voluntary guidelines for manufacturing and to a code of ethics as members of the Council for Responsible Nutrition. Research suggests that consumption of EPA and DHA omega-3 fatty acids may support cardiovascular health.<sup>[4]</sup> Studies have also shown that fish oils may support the body's natural response to inflammation, promote optimal joint function<sup>[5]</sup>, and support overall brain and nervous system function.\*<sup>[6]</sup>

## Clinical Applications

- » Provides Foundation Micronutrition for a Variety of Protocols\*
- » Supports Improved Dietary Nutrient Intake\*
- » Provides Long-Lasting Antioxidant Support\*
- » Supports 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 SGS™ broccoli seed extract, a powerful phytochemical 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. Sulforaphane is considered the compound most responsible for the many health benefits of broccoli, and it possesses antioxidant activity that lasts up to 72 hours (significantly longer than the activity of vitamins C, E, or beta carotene). SGS activates the transcription factor Nrf2, which increases synthesis of Phase 2 detoxification and antioxidant enzymes.<sup>[7]</sup> In addition, SGS has been shown to support normal cell-life regulation.<sup>[8-11]</sup> It has also been shown to support the body's response to harmful microbes, a healthy response to aging-associated inflammation, and eye and cardiovascular health.\*<sup>[12-16]</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>[17]</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>[18-20]</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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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	%DV	1 OncoPLEX™ & 1 D3 Capsule	%DV	1 OmegaPure 600 EC™ Softgel	%DV†
<b>Calories</b>					10	
Calories from Fat					10	
<b>Total Fat</b>					1 g	2%
Vitamin A (75% as beta-carotene and 25% as retinyl palmitate)	3750 IU	75%				
Vitamin C (as sodium ascorbate, potassium ascorbate, zinc ascorbate, and calcium ascorbate)	125 mg	208%				
Vitamin D3 (as cholecalciferol)	100 IU	5%	2000 IU	500%		
Vitamin E (as d-alpha tocopheryl succinate and mixed tocopherols)	100 IU	333%				
Thiamin (as thiamine mononitrate)	10 mg	667%				
Riboflavin (as riboflavin 5'-phosphate sodium)	10 mg	588%				
Niacin (as niacinamide and niacin)	32 mg	160%				
Vitamin B6 (as pyridoxal 5'-phosphate)	10 mg	500%				
Folate (100 mcg as Quatrefolic® (6S)-5-methyltetrahydrofolic acid, glucosamine salt and 100 mcg as folic acid)	200 mcg	50%				
Vitamin B12 (as methylcobalamin)	250 mcg	4167%				
Biotin	500 mcg	167%				
Pantothenic Acid (as d-calcium pantothenate)	100 mg	1000%				
Calcium (as DimaCal® di-calcium malate and calcium ascorbate)	50 mg	5%				
Iodine (as potassium iodide)	50 mcg	33%				
Magnesium (as Albion® di-magnesium malate)	50 mg	13%				
Zinc (as TRAACS® zinc bisglycinate chelate)	6.5 mg	43%				
Selenium (as Albion® selenium glycinate complex)	50 mcg	71%				
Copper (as TRAACS® copper bisglycinate chelate)	0.5 mg	25%				
Manganese (as TRAACS® manganese bisglycinate chelate)	0.25 mg	13%				
Chromium (as TRAACS® chromium nicotinate glycinate chelate)	250 mcg	208%				
Molybdenum (as TRAACS® molybdenum bisglycinate chelate)	25 mcg	33%				
Potassium (as Albion® potassium glycinate complex)	49.5 mg	1%				
Fish Oil Concentrate					1 g	**
EPA (eicosapentaenoic acid)					360 mg	**
DHA (docosahexaenoic acid)					240 mg	**
Choline (as choline dihydrogen citrate)	18 mg	**				
Inositol	18 mg	**				
Glucoraphanin (from broccoli extract)( <i>Brassica oleracea italica</i> )(seed)(SGS™)			15 mg	**		
PABA ( <i>para</i> -aminobenzoic acid)	6.5 mg	**				
Vanadium (as TRAACS® vanadium nicotinate glycinate chelate)	375 mcg	**				

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

\*\* Daily Value (DV) not established.

**Other Ingredients for ActivNutrients™ without Iron:** HPMC (capsule), microcrystalline cellulose, ascorbyl palmitate, silica, and medium-chain triglyceride oil.

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

**Other Ingredients for OmegaPure 600 EC™:** Softgel (tilapia fish gelatin, vegetable glycerin, and purified water), GRAS enteric coating (purified water, ethylcellulose, sodium alginate, ammonium hydroxide, medium-chain triglycerides, oleic acid, and vegetable stearic acid), and d-alpha tocopherol.

**Contains:** Fish (anchovy, sardine, and tilapia).

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

Consult your healthcare practitioner prior to use, especially if you are taking a blood thinner. Do not use if tamper seal is damaged.

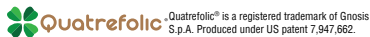
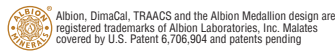
**DOES NOT CONTAIN:** Wheat, gluten, yeast, soy protein, dairy products, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or preservatives.

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

### 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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