Vitamin A & D



DESCRIPTION

Vitamin A & D provides a rich source of two fat-soluble vitamins important for many biological and biochemical systems of the body.

FUNCTIONS

Vitamin A is the name of a group of fat-soluble retinoids, including retinol, retinal, retinoic acid, and retinyl esters. It is involved in immune function, vision, reproduction, and cellular communication. Vitamin A is critical for vision as an essential component of rhodopsin, a protein that absorbs light in the retinal receptors, and because it supports the normal differentiation and functioning of the conjunctival membranes and cornea. Vitamin A also supports cell growth and differentiation, playing a critical role in the normal formation and maintenance of the heart, lungs, kidneys, and other organs.

Another important fat-soluble nutrient is Vitamin D yet, naturally present in very few foods. The active form of vitamin D is called cholecalciferol (a.k.a. D3) and is also produce endogenously when the skin is exposed to sunlight. Vitamin D is well known for promoting calcium absorption, maintain adequate serum calcium and phosphate concentrations, and promote bone growth and remodeling. But new research indicates that vitamin D also has other roles in the bodies including modulation of cell growth, neuromuscular and immune function, and reduction of inflammation. Many genes that regulate cell proliferation, differentiation, and apoptosis are modulated in part by vitamin D. Research indicates that a majority of people are vitamin D deficient.

INDICATIONS

Vitamin A & D may be a useful dietary supplement for those who wish to fortify their diet with A and D and ensure optimal levels of these nutrients.

SIDE EFFECTS

Warning: Consult a healthcare professional before taking Vitamin A & D if you are pregnant or breastfeeding. Do not exceed the recommended dose. This product contains retinol (Vitamin A) that can cause birth defects or other reproductive harm if taken in excessive amounts. This warning is in compliance with State of California Proposition 65.

FORMULA (WW #10148)

1 Softgel Contains:

Vitamin A (from fish liver oil)	10,000 IU
Vitamin D (from fish liver oil)	400 IU
Other Ingredients: softgel (gelatin, glycerin,	and water).

This product contains NO sugar, salt, dairy, yeast, wheat, gluten, corn, preservatives, artificial colors or flavors.

SUGGESTED USE

Adults take 1 softgel capsule daily with meals or as directed by a healthcare professional.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

Johnson EJ, Russell RM. Beta-Carotene. In: Coates PM, Betz JM, Blackman MR, et al., eds. Encyclopedia of Dietary Supplements. 2nd ed. London and New York: Informa Healthcare; 2010:115-20.

Ross CA. Vitamin A. In: Coates PM, Betz JM, Blackman MR, et al., eds. Encyclopedia of Dietary Supplements. 2nd ed. London and New York: Informa Healthcare; 2010:778-91.

Ross A. Vitamin A and Carotenoids. In: Shils M, Shike M, Ross A, Caballero B, Cousins R, eds. Modern Nutrition in Health and Disease. 10th ed. Baltimore, MD: Lippincott Williams & Wilkins; 2006:351-75.

Solomons NW. Vitamin A. In: Bowman B, Russell R, eds. Present Knowledge in Nutrition. 9th ed. Washington, DC: International Life Sciences Institute; 2006:157-83.

Institute of Medicine. Food and Nutrition Board. Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc . Washington, DC: National Academy Press; 2001.

Institute of Medicine, Food and Nutrition Board. Dietary Reference Intakes for Calcium and Vitamin D. Washington, DC: National Academy Press, 2010.

Cranney C, Horsely T, O'Donnell S, Weiler H, Ooi D, Atkinson S, et al. Effectiveness and safety of vitamin D. Evidence Report/Technology Assessment No. 158 prepared by the University of Ottawa Evidence-based Practice Center under Contract No. 290-02.0021. AHRQ Publication No. 07-E013. Rockville, MD: Agency for Healthcare Research and Quality, 2007.

Holick MF. Vitamin D. In: Shils ME, Shike M, Ross AC, Caballero B, Cousins RJ, eds. Modern Nutrition in Health and Disease, 10th ed. Philadelphia: Lippincott Williams & Wilkins, 2006.

Norman AW, Henry HH. Vitamin D. In: Bowman BA, Russell RM, eds. Present Knowledge in Nutrition, 9th ed. Washington DC: ILSI Press, 2006.

Manufactured For:

Good Life Pharmacy

125 South 16th St. Ord, NE 68862 308.728.3295

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.