



Vitamin K2, D3 and A

Helps Develop and Maintain Healthy Bones

- Offers balance of key fat-soluble vitamins, A, D, and K, critical to bone health
- Contains vitamin K2 (MK-7), the most bioactive and long-lasting form
- K2 (MK-7) helps increase vertebral bone mineral density among postmenopausal women
- Provides vitamin D3, effective in maintaining blood levels of 25-OH vitamin D
- Optimal form of vitamin A, palmitate
- Suitable for vegetarians

Code: 9317 **NPN:** 80047935
Size: 30 mL Liquid



PRODUCT SUMMARY

Vitamin K2, D3 and A provides clinically relevant doses of the three fat-soluble vitamins essential to optimal bone health. Although needed for cardiovascular health, blood sugar regulation, immune function, and inflammation control, vitamins A, D, and K2 have complementary physiological bone-related functions, such as modulating gene expression in osteoblasts and carboxylated osteocalcin, an enzyme needed for bone formation. This is exemplified by a reduction in undercarboxylated osteocalcin and an increase in bone mineral density (BMD) in postmenopausal women when vitamin K is added to vitamin D supplementation.

Vitamin D has diverse and significant functions in multiple body systems, and widespread deficiency magnifies these crucial roles. Supplementation is associated with a well-established reduction in osteoporotic fracture when taken daily at a clinically relevant dose. Correcting a vitamin D deficiency is critical when supplementing with vitamin A, as vitamin A appears to promote bone health if vitamin D levels are adequate. Additionally, maternal vitamin A levels during pregnancy have been associated with the peak bone mass and bone strength of their children, highlighting the unrecognized importance of vitamin A for lifelong bone health, in parallel to the effect of vitamin D on peak bone mass. Vitamin K is now recognized as necessary for the carboxylation of enzymes critical for both bone and blood vessel health. Indeed, meta-analysis has shown an improvement in vertebral bone mineral density (BMD) and a reduction in fracture among postmenopausal women with osteoporosis, while controlled trial data shows a reduction in the age-related decline in BMD among healthy postmenopausal women. The naturally derived MK-7 form in Vitamin K2, D3 and A has a longer half-life than any other form.



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Serving Size: 4 drops (0.25 mL)

Servings per Container: 120

Each Serving (4 Drops [0.25 mL]) Contains:

Vitamin A (Palmitate)	500 IU (151 mcg RAE)
Vitamin D3 (Cholecalciferol)	1000 IU (25 mcg)
Vitamin K2 (Menaquinone-7) (MK-7) (natto bean)	50 mcg

Non-medicinal Ingredients: Medium chain triglycerides, organic flaxseed oil, natural source vitamin E (non-GMO sunflower oil), natural flavour.

Recommended Adult Dose: 1 serving (4 drops [0.25 mL]) per day or as directed by a health care practitioner.

Recommended Use: Helps maintain eyesight, night vision, skin, membranes, and immune function. Helps in the absorption and use of calcium and phosphorus and in the development and maintenance of bones and teeth. Helps prevent vitamin D deficiency. A factor in the maintenance of good health.

Caution: Consult a health care practitioner prior to use if you are taking blood thinners. Keep out of reach of children.

Drug Interactions: Vitamin K may antagonize the effect of some anticoagulant medications, and concurrent use should be medically supervised. When taken with a thiazide medication (diuretic), vitamin D may increase the risk for hypercalcemia. Also, vitamin D may improve insulin sensitivity and lower blood pressure, requiring a reduction in dosage of hypertension and/or diabetic medications. Vitamin A should not be taken with other synthetic retinoids, such as acitretin or bexarotene.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Suitable for vegetarians. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References available at bioclinicnaturals.com



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



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