

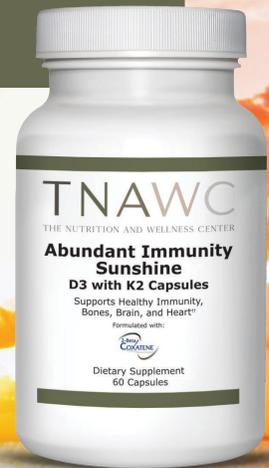
TNAWC

THE NUTRITION AND WELLNESS CENTER

Abundant Immunity Sunshine D3 with K2

UNIQUE BONE-BUILDING FORMULA

K2+ D3 SUPPORT
HEALTHY BONE
AND JOINT TISSUE
REGENERATION



While genetic factors play an important role in determining bone mass as people age, individual choices can either promote or impede bone health. Controllable factors such as diet and nutrition, physical activity and lifestyle habits like smoking and alcohol consumption are responsible for 10-50 percent of bone mass and structure. Supplementation with the ideal combination of critical nutrients can support bone health. **Abundant Immunity Sunshine D3 with K2** is a novel formulation of vitamins D3 and K2 with 2-Beta Coxatene®, a Bone Morphogenetic Protein (BMP) complex and herbal blend, that has been shown to build new bone tissue.

WHY YOU NEED ABUNDANT IMMUNITY SUNSHINE D3 WITH K2

About 54 million Americans have osteopenia and low bone mass, placing them at increased risk for osteoporosis. Approximately one in two women and up to one in four men age 50 and older will break a bone due to osteoporosis. By 2025, it is predicted that osteoporosis will be responsible for approximately three million fractures and \$25.3 billion in costs annually. **Abundant Immunity Sunshine D3 with K2** can help keep bones healthy and strong.

CALCIUM, VITAMIN D3 AND VITAMIN K2

The body uses 99% of its calcium to keep bones and teeth strong and to support skeletal structure and function. The other 1% of calcium is used for cell signaling, blood clotting, muscle contraction and nerve function with levels tightly controlled within a very narrow range in the blood and tissues. Calcium regulating hormones affect calcium transport in the intestines, bone, and kidney; other nutrients play a role in the functionality and efficacy of calcium in bone health as well.

VITAMIN D3 (Cholecalciferol)

- **Improves calcium absorption.** Vitamin D3 enhances the absorption of calcium in the intestines.
- **Takes calcium from bone.** When you don't consume enough calcium, vitamin D helps to mobilize calcium from your bones into the bloodstream.
- **Regulates synthesis of osteocalcin.** Certain bone cells (osteoblasts) make the Gla-protein called osteocalcin, which is responsible for making sure calcium is deposited in bones. The synthesis of osteocalcin by osteoblasts is regulated by vitamin D3.

VITAMIN K2 (MK-7)

The term "vitamin K2" actually refers to a collection of more specific forms known as menaquinones. The "MK-7" form is most effective in:

- **Stimulating reabsorption of calcium** from the kidneys back into the bloodstream.
- **Building bone** by pulling calcium out of the bloodstream and holding it in the bones.
- **Activating the calcium-binding capacity of osteocalcin.**
- **Protecting blood vessels from calcification.**

When it comes to bone building and remodeling, vitamin D and vitamin K2 have complimentary functions; Vitamin D mobilizes calcium out of the bones, and vitamin K2 pulls it back in. With the help of vitamin K2, calcium is directed to the bones and not allowed to accumulate in other areas e.g., the arteries. You need both vitamin K2 and vitamin D in adequate amounts for optimal bone health.

OSTEOIMMUNOLOGY

Over the last 30 years, many mediators of immune cell function including cytokines, chemokines, and growth factors have been shown to regulate the activity of bone cells (osteoblasts and osteoclasts). Immune cells and cytokines are critically responsible for the changes in bone turnover and bone mass that occur in postmenopausal osteoporosis and inflammatory conditions such as rheumatoid arthritis, periodontal disease, or inflammatory bowel disease. Highlighting this connection is the fact that bone loss is often observed in patients suffering from autoimmune diseases (diabetes mellitus and lupus erythematosus), chronic viral infections (HIV) and allergic diseases (asthma).

IMMUNE INDUCTIVE BONE ENHANCER – 2-Beta Coxatene®

Abundant Immunity Sunshine D3 with K2 features 2-Beta Coxatene, a novel Bone Morphogenetic Protein (BMP) complex and herbal blend designed to support the bone-building immune cells and signal stem cells to build new bone tissue. 2-Beta Coxatene contains Cyplexinol®, an osteoinductive protein complex that binds to receptors within the GI tract where both osteoinductive and anti-inflammatory activity is generated. It is this osteogenic property that increases formation of osteoblasts and therefore promotes the growth of new bone tissue, providing the critical surface for minerals to bind to healthy bones.

The herbal blend used in 2-Beta Coxatene features *Boswellia serrata*. The most potent of the 6 acids in Boswellia is 3-O-Acetyl-11-keto-β-Boswellic acid (AKBA). Its immune-supportive signaling capabilities have been scientifically validated.

Combining the benefits of Vitamin D3 and Vitamin K2 (soy-free MK7) with osteoinductive 2-Beta Coxatene, **Abundant Immunity Sunshine D3 with K2** provides the ideal balance of nutrients and support for healthy immune signaling and stem cell activation for new bone tissue formation.

Abundant Immunity Sunshine D3 with K2 can be used in conjunction with **Abundant Bones**, which contains other important nutrients for maintaining optimal bone health. Add **Abundant Immunity Sunshine D3 Liquid** if additional D3 is needed to reach the goal value of 50 – 80 ng/mL.

REFERENCES

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Full disclosure label (no hidden or inactive ingredients)

Directions: Take one (1) capsule per day or as directed by your health professional.

SUPPLEMENT FACTS

Serving size: 1 capsule
Servings per container: 60

Energized Nutrients	Amount per serving	% Daily Value†
Vitamin D3 (as cholecalciferol)	62.5 mcg.	313
Vitamin K2 (Soy-Free MK7)	90 mcg.	75
2-Beta Coxatene®.....	45 mg.	*
Insoluble fiber (cellulose).....	200 mg.	*

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

*Daily Value not established.

Other Ingredients: Gelatin Capsule

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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.