

Metabolic Code[®] MODUCARE[®] ES

Plant Sterols/Sterolins

- Advanced Support for Maintaining a Healthy Immune Response*
- **Metabolic Code[®] Moducare[®] ES** is a precise blend of plant sterols and sterolins in a clinically proven ratio of 100:1 providing superior immunomodulating activity.* **Metabolic Code[®] Moducare[®] ES** meets nutrient standards for purity and potency, as well as overall product quality.
- Take **Metabolic Code[®] Moducare[®] ES** daily and adopt healthy lifestyle habits to keep your immune system strong and enjoy a vibrant health.*

SUGGESTED USE: Adults take 2 capsules daily between meals.

Supplement Facts

Serving Size 2 capsules

Servings Per Container 30

	Amount per serving	%DV
Moducare [®]		
Plant Sterols (from <i>Pinus spp.</i> , oil)	60 mg	**
Plant Sterolins (from <i>Pinus spp.</i> , oil)	0.6 mg	**

**Daily Value (DV) not established

Other ingredients: microcrystalline cellulose, hypromellose (capsule), and silicon dioxide.

Free of: GMOs, soy, gluten, sugar, dairy, sodium, preservatives, artificial colors and flavors.

Caution: If you are pregnant, nursing, a diabetic, an organ transplant recipient or have multiple sclerosis, do not use unless on the advice of, and under direct supervision of a healthcare professional.

Refrigeration not required.

Store in a cool, dry place with cap tight.

Keep out of reach of children.

Safety Sealed: Do not use if safety band or printed inner seal is broken or missing.

Moducare[®] is a registered trademark of Essential Sterolin Products (PTY) Ltd.

Manufactured by:

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Distributed by:

Natural Formulations, LLC
Cincinnati, OH 45202 USA
www.metaboliccode.com

Product Code

640-96CX: 60 capsules



***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.**

INTENDED FOR PROFESSIONAL USE ONLY

Metabolic Code[®] MODUCARE[®] ES

Plant Sterols/Sterolins*

Metabolic Code[®] Moducare[®] ES containing a patented blend of Plant Sterols [60 mg] and Plant Sterolins [0.6 mg] per serving (2 capsules) taken daily between meals, in a clinically proven ratio of 100:1, provides advanced support for maintaining a healthy immune response.*

Moducare[®] is a combination of phytosterols (plant fats) called beta-sitosterol (BSS) and the beta-sitosterol glucoside (BSSG) that have demonstrated immunomodulating effects, thereby balancing immune response and contributing to health. Scientists in South Africa isolated these necessary components from pine to help balance the different parts of the immune system. Two helper cells, Th-1 and Th-2, determine whether we become ill or stay healthy. When Th-1 cell function is low, our ability to fight off disease, bacteria and viruses is reduced. Conversely, when Th-2 cell function is high, our production of antibodies is increased and inflammatory factors rage. Sterols and sterolins, in the correct ration, will keep immune cells functioning at optimum levels and keep other immune cells from overproducing antibodies and inflammatory agents.

Clinical studies have shown that sterols and sterolins improved conditions in those with pulmonary tuberculosis,¹ alleviated symptoms in active rheumatoid arthritis,² maintained an effective Th1 response in HIV-infected patients,³ stabilized high CD4 cell counts and reduced viral loads in HIV-positive patients.⁴ Moducare[®] may help to improve immunity in athletes following the completion of a marathon by stabilizing lymphocyte count, increased CD3 and CD4 levels and reduced the pro-inflammatory monokine interleukin-6 (IL-6).⁵ Another study showed Moducare[®] induced a significant decrease in interleukin-4 (IL-4) in both allergic and non-allergic individuals and improved symptoms of allergies.⁶ Improvements in symptoms and urinary flow in patients with benign prostatic hyperplasia (BPH)⁷⁻⁹ were also observed. In children suffering from allergic rhinitis, treatment with Moducare[®] improved clinical symptom scores, decreased blood eosinophils and at the nasal secretions and total Immunoglobulin E (IgE).¹⁰ In patients with anogenital warts undergoing cryotherapy every 3 weeks, the group taking Moducare[®] demonstrated a complete response 30.2% versus 18.3% after 3 months, while 61.7% of the group not taking Moducare[®] and 79.4% of the group taking Moducare[®] were lesion free at the end of the 6-month follow-up period.¹¹

Moducare[®] is not a drug as it does not interfere with any metabolic processes of either the patient or an infecting agent, but rather it is a catalyst or messenger initiating a correction of existing immune system imbalances or maintaining adequate existing balances. Thereby, it helps to maintain good health.

References

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