Symplex® M

Contains Protomorphogen™ Extracts That Support the Orchic, Adrenal, Pituitary, and Thyroid Glands

Glandular products have been used effectively by health care professionals for more than 100 years. The glandular system in the body influences all major organ systems. The glandular system depends upon balance. When one gland in the system malfunctions, a ripple effect can occur causing any number of dependent organs or glands to work less efficiently. Our founder, Dr. Royal Lee, believed that glandular products operated on the body's immune system. He created Protomorphogen™ extracts to promote the healthy functioning of the glands to maintain the body's natural balance.†

How Symplex M Keeps You Healthy

Promotes healthy functioning of the adrenal glands

Many major body systems are influenced in some way by the actions of the adrenal glands. The adrenal glands prove vital in a myriad of physiological functions in the body. They are involved in hematological, blood sugar, and carbohydrate metabolism; liver function; hormone production; and anti-inflammatory agent production. They are also involved in cardiovascular, central nervous, pulmonary, and gastrointestinal system functions and are intimately related to adjustments the body makes in response to stress and emotional changes.†

Promotes healthy thyroid function

By providing the building blocks necessary for proper thyroid gland function, Symplex M supports the thyroid gland's ability to maximize the potential of all food types for energy production and increase the rate of protein synthesis in most tissues. The parafollicular cells secrete the hormone calcitonin, vital in calcium metabolism.†

Enhances endocrine performance

The pituitary gland is often referred to as the master gland of the body because it stores and secretes a number of hormones that regulate many bodily processes. The pituitary gland directly influences cell division and protein synthesis for growth and oversees various metabolic activities involving adrenal and thyroid gland function. It also stimulates the production of gonadotrophic hormones in both males and females, essential for both reproduction and lactation.†

Maintains a healthy functional relationship between these important organs and glands

The testes secrete several male sex hormones, collectively called androgens. Testosterone, the most abundant of the androgens, is responsible for the distinguishing characteristics of the masculine body. It also affects protein formation and muscle function, basal metabolism, and red-blood-cell formation. Testosterone functions in a feedback system with the hypothalamus and, in turn, the anterior pituitary to control male sexual functions. This delicate but deliberate process is just one example of how these glands complement, support, and function synergistically with each other.†

Please copy for your patients.

GF This product contains less than 10 parts per million of gluten per serving size or less than 20 parts per million per the suggested use listed on each product label.

†These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

Introduced in 1965

GF

Content:
90 tablets

Suggested Use: One tablet per meal, or as directed.

Supplement Facts:
Serving Size: 1 tablet
Servings per Container: 90

	Amount per Serving	%DV
Calories	1	
Calcium	20 mg	2%

Proprietary Blend: 137 mg
Magnesium citrate, bovine orchic PMG™ extract, bovine adrenal PMG™ extract, bovine pituitary PMG™ extract, and bovine thyroid PMG™ extract (processed to remove its thyroxine).

Other Ingredients: Calcium lactate, cellulose, and calcium stearate.

Each tablet supplies approximately: 45 mg bovine orchic PMG™ extract, 15 mg bovine adrenal PMG™ extract, 10 mg bovine pituitary PMG™ extract, and 10 mg bovine thyroid PMG™ extract (processed to remove its thyroxine).

Sold through health care professionals.

Standard Process®

800-558-8740 | standardprocess.com

Symplex® M

What Makes Symplex M Unique

Product Attributes

Contains Protomorphogen™ extracts

- Bovine orchic, adrenal, pituitary, and thyroid Protomorphogen™ extracts promote proper metabolism and balanced production of the male hormones
- Standard Process uses a unique manufacturing method of deriving tissue cell determinants from animal glands and organs
- Help provide cellular support and rehabilitation to the corresponding human tissues
- Important antigenic properties of nucleoprotein-mineral determinants are the foundation of the product†

Manufacturing and Quality-Control Processes

Low-temperature, high-vacuum drying technique

- Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

- The nutrients in Symplex M are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories continually conduct bacterial and analytical tests on raw materials, product batches, and finished products

- Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

- Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Our founder, Dr. Royal Lee, challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature—in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists—known and unknown—bioactivity is markedly enhanced over isolated nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to an isolated or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. *See the supplement facts for Symplex® M.*

Anderson L.E. 1998. *Mosby's Medical, Nursing, & Allied Health Dictionary*. 5th ed. Mosby: St. Louis. 143, 591, 1175, 1269, 1328, 1600-1601.

Balch J.F., Balch P.A. 1997. *Prescription for Nutritional Healing*. 2nd ed. Avery Publishing Group: Garden City Park. 550-552.

Capuco A.V., et al. Prolactin and growth hormone stimulation of lactation in mice requires thyroid hormones. *Proc Soc Exp Biol Med*. Sep 1999; 221(4): 345-351.

Coughlin M.T., et al. Age at unilateral orchiopexy: effect on hormone levels and sperm count in adulthood. *Journal of Urology*. Sep 1999; 162(3 Pt @): 986-988; discussion 989.

Debeljuk L., et al. Transgenic Mice Overexpressing the Growth-Hormone-Releasing Hormone Gene Have High Concentrations of Tachykinins in the Anterior Pituitary Gland. *Neuroendocrinology*. Aug 1999; 70(2): 107-116.

Diaz R.E., et al. Developmental changes of hypothalamic, pituitary and striatal tachykinins in response to testosterone: influence of prenatal melatonin. *Peptides*. 1999; 20(4): 501-508.

Gonzalez S., et al. Identification of Endocannabinoids and Cannabinoid CB(1) Receptor mRNA in the Pituitary Gland. *Neuroendocrinology*. Aug 1999; 70(2): 137-145.

Guyton A.C., Hall J.E. 1996. *Textbook of Medical Physiology*. 9th ed. 1012-1013.

Hillier, S.G. Intragonadal regulation of male and female reproduction. *Annals of Endocrinology* (Paris). Jul 1999; 60(2): 111-117.

Hofbauer L.C., et al. The anti-androgen hydroxyflutamide and androgens inhibit interleukin-6 production by an androgen-responsive human osteoblastic cell line. *Journal of Bone Mineral Research*. Aug 1999; 14(8): 1330-1337.

Huber S.A., et al. Estradiol prevents and testosterone promotes Fas-dependent apoptosis in CD4+ Th2 cells by altering Bel 2 expression. *Lupus*. Jul 1999; 8(5): 384-387.

Lu R., et al. Evidence for calictonin gene-related peptide-mediated ischemic preconditioning in the rat heart. *Regul Pept*. Jun 30 1999; 82(1-3): 53-57.

Lund B.C., et al. Testosterone and andropause: the feasibility of testosterone replacement therapy in elderly men. *Pharmacotherapy*. Aug 1999; 19(8): 951-956.

Taber's Cyclopedic Medical Dictionary. 18th ed. 1997. 1482.

Thomas M., Hornsby P.J. Transplantation of primary bovine adrenocortoid cells into scid mice. *Molecular Cellular Endocrinology*. Jul 20 1999; 153(1-2): 125-136.

Schecroun N., et al. Biological properties of salmon calcitonin IV. *Journal of Bone Mineral Research*. Aug 1999; 14(8): 1425-1431.

Simoni M., et al. Role of FSH in male gonadal function. *Annals of Endocrinology* (Paris). Jul 1999; 60(2): 102-106.

Van Heusden A.M., Fauser B.C. Activity of the pituitary-ovarian axis in the pill-free interval during use of low-dose combined oral contraceptives. *Contraception*. Apr 1999; 59(4): 237-243.

Walker J., et al. Bloodspot testosterone assay suitable for study of neonates and monitoring of children with congenital adrenal hyperplasia. *Annals of Clinical Biochemistry*. Jul 1999; 36(Pt4): 477-482.

Zhan Z., et al. The setting up of human serum calcitonin readioimmunoassay and its clinical application. *Chung Kuo I Hseuh Ko Hseuh Yuan Hseuh Pao*. Jun 1997; 19(3): 236-240.

Standard Process®
800-558-8740 | standardprocess.com