

# Prost-X™

## Maintains the Health of Bone, Muscle, and Nerve Tissues

The use of glandular therapy, in which specific animal organ and gland tissues are ingested for the concentrated nutrients present in them, enjoys a long history of use across a variety of cultures. Prost-X contains bovine prostate Cytosol™ extract, which provides concentrated nutrients that are especially supportive to their corresponding tissues in the human body. Prost-X supports normal tissue development, maintenance, and repair. Prost-X contains phosphatase enzymes that promote healthy bones, muscles, and nerves.†

## How Prost-X Keeps You Healthy

### *Promotes tissue development, maintenance, and repair*

Enzymes contained in Prost-X have been observed in tissue development of the lung, eye, kidney, and embryonic tissues. Increased activity of these enzymes has been associated with supporting various stages of embryonic development. Strong evidence suggests that these enzymes are responsible for enabling connective tissue to form capillaries, tendons, skeleton, and muscle. These enzymes are also thought to support the normal turnover and remodeling of tissues, promoting systematic tissue maintenance. They also play a fundamental role in supporting the blood supply and redistributing body nutrients to facilitate normal tissue restoration.†

### *Supports reproductive function*

Alkaline phosphatase is associated with the placenta and pregnancy. Elevated levels of maternal phosphatase activity have been correlated with various stages of pregnancy. Phosphatase enzymes are also found in large quantities in bone tissue, especially in growing bones.†

### *Supports healthy cellular function*

Prost-X contains a spreading factor that is known to cause tissue to be more permeable. This enzyme supports proper cellular function by stimulating capillary formation that allows important body nutrients to reach cells and tissues.†

Phosphatases support many cellular processes by causing changes in protein structure. These enzymes are involved in normal glycogen synthesis and proper liver and kidney function. Phosphatases are involved in normal cell replication. They are responsible for several signal pathways that lead to stimulation of the immune response. Phosphatases participate in immune cell activation and proliferation.†

*Please copy for your patients.*



**Introduced in 1955**

**Content:**  
90 capsules

**Suggested Use:** One capsule per meal, or as directed.

**Supplement Facts:**  
Serving Size: 1 capsule  
Servings per Container: 90

	Amount per Serving	%DV
Calories	1	

**Proprietary Blend:** 258 mg  
*Tillandsia usneoides*, calcium  
glycerophosphate, and bovine prostate  
Cytosol™ extract.

Other Ingredients: Gelatin, honey, water, colors,  
and calcium stearate.

*Each capsule supplies approximately: 20 mg  
bovine prostate Cytosol™ extract and 175 mg  
tillandsia powder.*

**Sold through health care professionals.**

### **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.



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

# Prost-X™

## What Makes Prost-X Unique

### Product Attributes

#### Multiple nutrients from a variety of plant and animal sources

- › Extracts from bovine tissues provide nutrients and support to the corresponding tissues in humans
- › Vitamins, minerals, and nutrients from plants and animal tissues work synergistically for maximum effect<sup>†</sup>

#### Contains a unique blend of nutrients from ingredients like prostate Cytosol™ extract and tillandsia

- › To help support prostate health, reproductive function, and proper calcium metabolism<sup>†</sup>

### 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 Prost-X 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

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 Prost-X™.

Arnaud C.D. 1996. Osteoporosis: Using 'Bone Markers' for Diagnosis and Monitoring. *Geriatrics* 51(4): 24-30.

Belsky E., Toole B.P. 1983. Hyaluronate and hyaluronidase in the developing chick embryo kidney. *Cell Differ* 12(2): 61-66.

Bocci V., et al. 1986. The lymphatic route. 1) Albumin and hyaluronidase modify the normal distribution of interferon in lymph and plasma. *Experientia* 42(4): 432-433.

Bok S.W. 1979. The fundamental role of hyaluronidase in tissue. *Med Hypotheses* 5(11): 1183-1200.

Bok S.W. 1980. Hyaluronidase, the fundamental cause of fetal growth. *Med Hypotheses* 6(10): 1087-1096.

Bradbeer J.N., et al. 1992. Relationship between the location of osteoblastic alkaline phosphatase activity and bone formation in human iliac crest bone. *J Bone Miner Res* 7(8): 905-912.

Cameron E. 1966. *Hyaluronidase and Cancer*. Oxford: Pergamon Press: 1-193.

CancerWEB. *Medical Dictionary*. 1998. Online.

Clark L.E., Mellette J.R. 1994. The use of hyaluronidase as an adjunct to surgical procedures. *J Dermatol Surg Oncol* 20: 842-844.

Das P.C. 1983. Role of alkaline phosphatase in contraception—a review. *Acta Physiol Pharmacol Bulg* 9(2): 74-78.

Evered D., et al. 1989. *The Biology of Hyaluronan*. Chichester, Sussex: John Wiley and Sons Ltd: 1, 61-62.

Farr C., et al. 1997. Clinical pharmacology and possible applications of hyaluronidase with reference to Hyalase "Dessau." *Wien Med wochenschr* 147(15): 347-355.

Garattini E., et al. 1985. Human placental alkaline phosphatase in liver and intestine. *Proc Natl Acad Sci USA* 82(18): 6080-6084.

Hyde C.E., Old R.W. 1999. Expression pattern of a novel hyaluronidase during *Xenopus* embryogenesis. *Mech Dev* 82(1-2): 213-217.

Khoja S.M. 1988. Effects of female sex hormones on the activity of serum hyaluronidase. *FEBS Lett* 226(2): 220-222.

Kulyk W.M., et al. 1987. Hyaluronic acid production and hyaluronidase activity in the newt iris during lens regeneration. *Exp Cell Res* 172(1): 180-191.

Liu D. 1996. Expression of hyaluronidase by tumor cells induces angiogenesis *in vivo*. *Proc Natl Acad Sci USA* 93(15): 7832-7837.

Makiya R., Stigbrand T. 1992. Placental alkaline phosphatase is related to human IgG internalization in HEp2 cells. *Biochem Biophys Res Commun* 182(2): 624-630.

McComb R.B. 1979. *Alkaline Phosphatase*. New York, NY: Plenum Press: 1-14, 27, 525, 702-703, 851-852, 865-888.

Nagaya H., et al. 1999. Examination of synovial fluid and serum hyaluronidase activity as a joint marker in rheumatoid arthritis and osteoarthritis patients (by zymography). *Ann Rheum Dis* 58(3): 186-188.

Okamoto T., et al. 1990. Expression of human placental alkaline phosphatase in placenta during pregnancy. *Placenta* 11(4): 319-327.

Otu A.A. 1992. Wrist and hand ganglion treatment with hyaluronidase injection and fine needle aspiration: a tropical African perspective. *J R Coll Surg Edinb* 37(6): 405-407.

Pillwein K., et al. 1998. Hyaluronidase additional to standard chemotherapy improves outcome for children with malignant brain tumors. *Cancer Letters* 101-108.

Salkie M.L., Lambert B.E. 1975. Evidence for the placental origin of hyaluronidase in the maternal circulation. *Enzyme* 19(1): 5-14.

Schwartz D.M., et al. 1996. Human vitreous hyaluronidase: isolation and characterization. *Curr Eye Res* 15(12): 1156-1162.

Skilar L.F., Borisova M.A. 1991. Hyaluronic acid and hyaluronidase in influenza. *Sov Med* (1): 11-12.

Strigbrand T., Fishman W.H. 1984. *Human Alkaline Phosphatases*. New York, NY: Alan R. Liss, Inc: 1-3.

Stroppiano M., et al. 1999. Mutations in the glucose-6-phosphate gene of 53 Italian patients with glycogen storage disease type Ia. *J Inherit Metab Dis* 22(1): 43-49.

Thet L.A., et al. 1983. Changes in lung hyaluronidase activity associated with lung growth, injury and repair. *Biochem Biophys Res Commun* 117(1): 71-77.

Vincent J., Crowder M. 1995. *Phosphatase in cell metabolism and signal transduction: structure, function, and mechanism of action*. Austin, TX: R.G. Landes Company: 1,19-25, 37, 77-82, 100, 159.

Whyte M.P. 1994. *Why Does the Doctor Measure Your Blood Alkaline Phosphatase Level? A Patient's Guide to Paget's Disease of Bone*. New York, NY: The Paget's Disease Foundation, Inc: 9-10.

