

# Parotid PMG®

## Supports Healthy Parotid-Gland Function

The parotid gland is one of the largest pairs of salivary glands located on each side of the face, below and in front of the ear. The parotid salivary glands secrete saliva to initiate the digestive process. Saliva contains organic substances, including enzymes (amylase and lysozyme), proteins (serum albumin, globulin, and mucin), and small amounts of urea, uric acid, creatine, and amino acids. The parotid glands also secrete a serous substance that contains ptyalin, an amylase enzyme necessary for carbohydrate digestion. Saliva also helps cleanse the upper digestive tract by providing several materials that support intestinal flora. Contained in saliva are significant amounts of protein antibodies, thiocyanate ions, and several proteolytic enzymes, such as lysozyme, that help maintain healthy intestinal flora.

## How Parotid PMG Keeps You Healthy

### *Maintains cellular health*

Protomorphogen™ extract is the brand name of Standard Process' extracts derived from nucleoprotein-mineral molecules. The foundation for the function of these uniquely formulated nucleoprotein-mineral extracts comes from the antigen-antibody reaction that takes place during normal cell maintenance. The antigenic properties promote healthy cellular division, function, and growth. When a tissue needs support, at least a dozen different compounds are formed that can cause white blood cells to travel together toward the compromised area. These compounds include degenerative products of the tissues themselves. They strongly activate the macrophage system, and within a few hours, the macrophages begin to devour the destroyed tissue byproducts. At times, the macrophages can also affect the structure of the remaining healthy cells. The bovine parotid PMG™ extract in Parotid PMG appears to neutralize the circulating antibodies, thereby contributing to the maintenance of cellular health.†

### *Improves calcium absorption and supports nervous system function*

Calcium lactate is a highly soluble calcium salt and naturally bioavailable, changing to calcium bicarbonate (the type used by the body) in one chemical step. Unlike some other forms of calcium that are less soluble in water and need higher acid concentrations to be absorbed, calcium lactate exists near a more neutral pH and does not require acid conditions to work. Calcium is important for the healthy functioning of the nervous system and transmission of nerve impulses. The calcium lactate in Parotid PMG is derived from pure-vegetable sources of calcium, not dairy sources.†



Introduced in 1955



#### **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	

#### **Proprietary Blend:** 358 mg

Bovine parotid PMG™ extract, calcium lactate, and magnesium citrate.

Other Ingredients: Cellulose and calcium stearate.

*Each tablet supplies approximately: 190 mg bovine parotid PMG™ extract.*

**Sold through health care professionals.**

*Please copy for your patients.*



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.



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# Parotid PMG®

## *How Parotid PMG Keeps You Healthy (continued)*

### ***Sustains metabolic efficiency***

While magnesium is present in most cells in only minute quantities, it plays an important role in human metabolism, as does its partner, calcium. It functions in such reactions as nerve conduction and nerve excitability, transfer of energy, muscular activity, and many other specific processes. Magnesium functions as a cofactor, assisting enzymes in catalyzing many chemical reactions. Magnesium and calcium are synergistic, meaning that what they do for the body together, they cannot perform on their own.<sup>†</sup>

## **What Makes Parotid PMG Unique**

### ***Product Attributes***

**Contains enzyme factors and proteins combined with bovine parotid PMG™ extract**

- › To help cleanse and protect the digestive tract<sup>†</sup>

### **Contains Protomorphogen™ extracts**

- › 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<sup>†</sup>

**The calcium lactate in Parotid PMG is a pure-vegetable source of calcium**

- › Not derived from a dairy source

### ***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 Parotid PMG 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 Parotid PMG®.

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Leibovitz B. 1991. *Nutrition Update* 5(2).  
Pfeiffer C.C. 1978. Zinc and Other Micronutrients. 66.  
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