

A preliminary study of men (unpublished), ages 45-55, found that supplementation with **b-Vital®** for 30 days increased salivary free testosterone in 100% of subjects.

### Roles of Testosterone in Cardiovascular Health.

The medical literature indicates important roles for testosterone in cardiovascular health. Testosterone levels decline in men with increasing age (Zmuda JM et al). The following are examples of recent research linking testosterone to health in aging men:

### Risk of cardiovascular disease

Low plasma testosterone may be a risk factor for coronary artery disease (Zhao, 1998).

### Imbalanced serum lipids

The age-related decline in testosterone correlated with increased serum triglycerides, increased LDL and decreased HDL in middle aged men (Zmuda, 1997; Simon, 1997). There was also increased apolipoprotein A1 (Simon, 1997).

### Risk of stroke

Total and free testosterone were inversely associated with stroke severity and mortality (Jeppesen, 1996).

### Role in blood clotting: Fibrinolytic system

Testosterone supports the fibrinolytic system and anti-thrombin activity (Shapiro, 1999).

### Risk of diabetes

Low testosterone and sex-hormone binding protein were found to be risk factors for diabetes in elderly men (Tibblin, 1996).

### Elevated fasting blood glucose, insulin levels and abdominal obesity

Compared to men with normal plasma total testosterone, men with low testosterone had a higher body mass index, waist/hip ratio, fasting 2 hour plasma glucose and, fasting 2 hour plasma insulin levels (Simon et al, 1997).

**b-VITAL®** supplies a proprietary blend of *Lepidium meyenii* (Peruvian Maca), used for centuries to restore balance and increase energy, and velvet deer antler, harvested live from American Elk. The many traditional uses of these adaptogenic compounds are due to their rich and diverse nutrient, chemical and phytochemical compositions.



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### b-Vital®

#### Supplement Facts

Serving Size: 1 Capsule	Servings Per Container: 60	
	Amount Per Serving	% Daily Value
Peruvian Maca ( <i>Lepidium meyenii</i> ) (root)	750 mcg	*
Velvet Deer Antler (from living elk)	50 mcg	*

\* Daily Value not established

**Other ingredients:** Gelatin and water.

b-Vital® provides "A Treasure from the Andes", Peruvian Maca, used for centuries to restore balance and increase energy, combined with Velvet Deer Antler, harvested live (no need to destroy these awesome creatures) from American Elk. The many traditional uses of these adaptogenic compounds are due to their rich and diverse nutrient, chemical and phytochemical compositions. This statement has not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

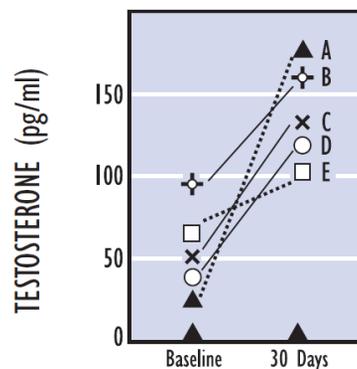
**Recommended dosage** is one (1) capsule, twice daily with food as a dietary supplement or as otherwise directed by a healthcare professional.

For adult use only.

**Caution:** Not recommended for pregnant or lactating women, women with history of breast cancer or other hormone related cancers, men with elevated PSA, men with a history of prostate cancer or those subject to testing for anabolic acids.

Product Code: 6715

Patent No. 6,093,421



#### References:

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