

B12 Max

LOWER HOMOCYSTEINE: IMPROVE HEALTH



LOWER HOMOCYSTEINE: IMPROVE HEALTH*

Healthy, flexible blood vessels and blood flow is essential to:

- 1. Bring fuel and remove toxic waste from vital organs like your heart, brain, intestines, muscles, kidneys, and liver.*
- 2. Keep blood vessels elastic and flexible for your full lifespan.*
- 3. Keep brain function clear and well-connected.*
- 4. Promote blood vessel health to avoid heart and blood vessel hardening, Alzheimer's senility, and thrombosis (platelet clumps and clots that block blood flow) linked to stroke and heart attacks.

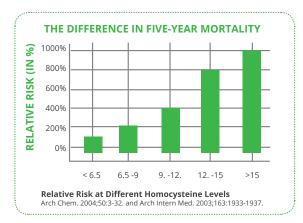
B12 Max is the only natural and compre-hensive solution to these problems.* It contains the fullest potency, safer, more effective forms of:

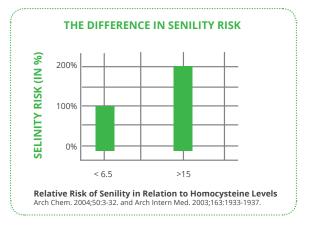
- 1. B-6 (pharmaceutical purity pyridoxine)
- 2. B-12 (pharmaceutical purity hydroxocobalamin)
- 3. Folate (folacin, vitamin M)
- 4. Magnesium as ascorbate

All of these are transport-activated with mannitol and xylitol. This increases rapid, full delivery to your brain and other critical body organs.*

If you want to keep the flow of blood to vital organs resilient as long as possible, **B12 Max** is your health protector.*

B12 Max can make a significant difference in your health.* The difference in 5-year mortality risk was 1,000%, or ten-fold, for those with the highest homocysteine, and 100%, or two-fold, between the higher and lower levels of homocysteine.*





HOMOCYSTEINE LEVEL: MARKER OF ADEQUATE NUTRIENT INTAKE

Physicians use homocysteine levels to determine blood vessel health status. When your homocysteine level is less than 6:

- Your blood vessels are healthier.
- Your risk of excessive blood clotting (thrombosis) in the brain (stroke) or heart (coronary occlusion, blocked heart artery) or major blood vessel (arteriosclerosis or atherosclerosis) is lower.

Homocysteine levels tell if you have enough of certain nutrients that activate body catalysts (enzymes) essential for repairing blood vessels.

What about measuring B-12 levels? The standard (Schilling) B-12 test measures the amount of B-12 in the serum. This does not correlate well with the functional amount in your cells, which is why homocysteine levels are functionally predictive of B-12 need. For example, all people on "hypoglycemic" medications show a decrease in cellular B-12 and an increase in homocysteine levels even though their standard B-12 tests remain unchanged.*

DIFFERENT: B12 MAX

B12 Max is uniquely formulated with high-potency nutritives to activate repair systems and lower homocysteine levels to their healthier levels.* A useful target level for healthy homocysteine levels is less than 6.

Additional benefits of **B12 Max** include:

- Reduction or elimination of homocystinuria (loss of sulfur compounds in the urine).*
- Reduction or elimination of excess methylmalonic acid (a marker of ineffi-cient metabolism).*
- Overall improvement in nutrient uptake by activating enzyme catalysts needed for nutrient assimilation and action.*
- Correction of dietary nutrient deficits.*

REFERENCES

- Tawakol A, Migrino RQ, Aziz KS, Waitkowska J, Holmvang G, Alpert NM, Muller JE, Fischman AJ, Gewirtz H. High-dose folic acid acutely improves coronary vasodilator function in patients with coronary artery disease. J Am Coll Cardiol 2005 May 17; 45(10):1580-4.
- Vermeulen EG, Stehouwer CD, Twisk JW, van den Berg M, de Jong SC, Mackaay AJ, van Campen CM, Visser FC, Jakobs CA, Bulterjis EJ, Rauwerda JA. Effect of homocysteine-lowering treatment with folic acid plus vitamin B6 on progression of subclinical atherosclerosis: a randomised, placebo-controlled trial. *Lancet* 2000 Feb 12; 355(9203):517-22.
- 3. Refsum H, et. al. Facts and recommendations about total homocysteine determinations: an expert opinion. Clin Chem 2004 Jan;50(1):3-32.
- 4. Doshi S, et. al. Folate improves endothelial function in patients with coronary heart disease. *Clin Chem Lab Med* 2003; 41(11):1505-1512.
- 5. Weiss N, et. al. Influence of hyperhomocysteinemia on the cellular redox state--impact on homocysteine-induced endothelial dysfunction. *Clin Chem Lab Med* 2003; 41(11):1455-1461.
- 6. Schroecksnadel K, et. al. Hyperhomocysteinemia and immune activation. *Clin Chem Lab Med* 2003; 41(11):1438-1443.
- 7. Ueland PM, Monsen AL. Hyperhomocysteinemia and B-vitamin deficiencies in infants and children. *Clin Chem Lab Med* 2003; 41(11):1418-1426.
- 8. Balk EM, et. al. Effects of statins on nonlipid serum markers associated with cardiovascular disease: a systematic review. *Ann Intern Med* 2003; 139(8):670-682.
- 9. Gilligan MA. Metformin and vitamin B-12 deficiency. Arch Intern Med. 2002;162:484-485



Prosper Nutrition, Houston, TX 77066 info@prospernutrition.com • 281-595-8959

Directions: As a dietary supplement, take one (1) lozenge, one to six times daily or as directed by your health professional.

SUPPLEMENT F Serving size: 1 Lozenge Servings per container: 90	ACTS	
Energized Nutrients	Amount per serving	% Daily Value
Vitamin B-6 (pyridoxine) Folate (as calcium folinate - 2500 m Vitamin B-12 (hydroxocobalamin) Magnesium ascorbate	cg) 4250 mcg. DFE	588 1,063 83,333 7
Mannitol Xylitol 100% Whole cherry fruit extract Raspberry flavor Organic, whole cane juice C16 and C18 alkyls [†] Croscarmellose		* * * * * *
[†] From whole, untreated palm fruit and leaf	*Daily value not established	

Other Ingredients: None