

Redefine your health potential

- Patented formula of high-quality essential vitamins and minerals enhanced with a proprietary blend of 13 concentrated extracts and phytonutrients to protect cells and maintain DNA stability^{1*}
- Formulated with phytonutrients and essential nutrients that support cellular health and certain cell signaling processes^{1*}
- Designed to promote healthy genetic expression and healthy aging^{1*}



Key body system support*

With its concentrated, proprietary blend of plant extracts rich in phytonutrients plus the highest-quality vitamins and minerals, the patented formula in PhytoMulti[®] is designed to promote healthy functioning in multiple systems for healthy aging support.^{1*}



Brain & neurological health

- + Folate, niacin, and vitamins $\rm B_6$ and $\rm B_{12}$ are crucial nutrients for the healthy function of neurons and other cells^2*
- Vitamin $B_{6'}$ folate (as calcium L-5-methyltetrahydrofolate), and methylcobalamin $(B_{_{12}})$ are factors in the metabolism of neurotransmitters^{2*}
- Folate and vitamins B₆ and B₁₂ support methylation, including contributions to healthy homocysteine metabolism; elevated homocysteine levels may negatively impact cognitive, cardiovascular, and sensory functions, as well as mood^{1,2-6*}
 Vitamin D provides unique support for wellbeing^{7*}

Eye & vision health maintenance

- Lutein and zeaxanthin have antioxidant function that supports long-term eye health and visual function $^{\rm 6-12\ast}$
- When combined with essential nutrients such as zinc, B vitamins, and the antioxidant vitamins C and E, lutein and zeaxanthin may help protect eye health and function $^{8\text{-}12^{\ast}}$

Cardiovascular health

- Grape seed extract may help support healthy circulatory function^{13,14*}
- Lycopene may support cardiovascular health^{15-21*}
- Research suggests resveratrol may benefit cardiovascular function^{22,23*}
- Polyphenols may help in improving cardiovascular function^{24-26*}

Liver health

• Research suggests that phytonutrients may support liver health^{27,28*}

Blood sugar metabolism

- Chromium, biotin, and zinc make important contributions to healthy glucose metabolism 29,30*
- Some research suggests that resveratrol may have a beneficial impact on carbohydrate metabolism and insulin function $^{\rm 31-33\ast}$

Immune health

- Zinc and vitamins A, C, D, and E have numerous important roles in maintaining healthy function of the body's complex immune system $^{34\cdot37*}$
- Vitamin D may provide support for long-term immune function^{34,38*}



PhytoMulti is clinically shown to provide antioxidant benefits*

Phytonutrients provide antioxidant protection against potentially damaging free radicals that increase with age, poor lifestyle choices, and pollutants.^{1,4} Antioxidants can help protect cells from oxidative stress, which can be particularly damaging to the immune system.^{39*}

- Natural mixed carotenoids (lutein, zeaxanthin, lycopene), resveratrol, and tocopherol protect against oxidative stress^{9,40,41*}
- Vitamin C, copper, selenium, and zinc also support broad antioxidant potential^{42-44*}

In a four-week pilot trial, 15 healthy individuals received PhytoMulti daily to investigate the effects of this novel formulation on biomarkers associated with oxidative stress. See **Figure 1** for changes in biomarkers and blood measures of important vitamins related to health and aging from baseline to 4 weeks.^{1*}

80 300 7000 70 6000 250 60 5000 200 50 PAI-1 (pg/ml) oxLDL (U/L) MPO (µg/ml) 4000 40 150 3000 30 100 2000 20 50 1000 10 0 0 Baseline After 4 weeks Baseline After 4 weeks Baseline After 4 weeks Cardiovascular Cardiovascular Biomarker for genetic health markers health markers expression & overall health *p<0.01

Variable	Baseline	After 4 weeks	P value
Carotenoids (μ g/dl) cis-lycopene trans-lycopene lutein zeaxanthin α -carotene β -carotene β -cryptoxanthin	$\begin{array}{c} 6.83 \pm 1.04 \\ 8.71 \pm 1.07 \\ 13.78 \pm 1.97 \\ 4.56 \pm 0.66 \\ 5.48 \pm 1.17 \\ 16.77 \pm 3.1 \\ 8.85 \pm 1.22 \end{array}$	$\begin{array}{c} 10.81 \pm 1.31 \\ 11.73 \pm 1.24 \\ 16.32 \pm 2.33 \\ 16.93 \pm 1.66 \\ 7.7 \pm 1.51 \\ 40.12 \pm 6.04 \\ 18.44 \pm 1.81 \end{array}$	<0.001 <0.01 <0.05 <0.001 <0.001 <0.001 <0.001
Folate (ng/ml)	12.5	20.5	<0.001
Vitamin B ₁₂ (pg/ml)	640.1	738.4	<0.01
Homocysteine (µM/I)	7.8 ± 0.62	8.0 ± 0.74	0.375

PhytoMulti supports healthy aging^{1*}

Genomic stability of cellular DNA is regarded as a measure of functional aging potential. A sophisticated Comet assay demonstrated the potential of PhytoMulti's proprietary phytonutrient blend to promote DNA stability in human immune cells.¹ As shown in **Figure 2**, in this study, cells pretreated with the PhytoMulti phytonutrient blend maintained 52% greater DNA stability when compared to untreated cells.^{1*}

In addition to its cellular health benefits, PhytoMulti is also designed to promote healthy functioning to support multiple systems for additional healthy aging support.^{1*}

Figure 2: DNA stability in phytonutrient-treated human immune cells



Advanced cell signaling support & protection*

PhytoMulti is formulated with phytonutrients and essential nutrients that support cellular health and certain cell signaling processes.¹ PhytoMulti targets cellular communication, which helps mediate the body's response to influences and stressors—including potentially damaging free radicals.*

- \checkmark Folate, niacin, and vitamins B₆ and B₁₂ are crucial for a healthy lifecycle in neurons and other cells^{16*}
- Thiamin, riboflavin, and niacin are important for supporting mitochondrial function, including energetic processes^{45,46}*

Serving Size: 2 Tablets Servings Per Container: 60		Proprietary Phytonutrient Blend of: Citrus bioflavonoid complex [standardized to 45% hesperidin], green coffee bean extract [standardized to	400 mg	
al Carbohydrate	<1 g	45% chlorogenic acid], pomegranate whole fruit extract [standardized to 43.2 mg gallic acid equivalents (GAE)],		
Dietary Fiber	<1 g	grape seed extract [standardized to 85% oligomeric		
amin A (50% from mixed carotenoids d 50% as retinyl acetate)	3,000 mcg	extract [standardized to 20% total polyphenols and 15% anthocyanins], green tea leaf extract [standardized		
amin C (as ascorbic acid and ascorbyl palmitate)	120 mg	to 60% catechins and 40% EGCG], bitter melon fruit		
amin D (as cholecalciferol)	25 mcg (1000 IU)	polyphenols], watercress aerial parts 4:1 extract,		
amin E (as d-alpha tocopheryl succinate)	67 mg	Chinese cinnamon (Cinnamomum cassia) bark powder,		
amin K (as phytonadione)	120 mcg	[standardized to 6% catechins], rosemary extract		
amin (as thiamin mononitrate)	25 mg	[standardized to 7.6% min sum of carnosol+carnosic acid], artichoke leaf extract [containing cynarin and		
oflavin	15 mg	chlorogenic acid]		
icin (as niacinamide and niacin)	50 mg	Mvo-Inositol	25 ma	
amin B ₆ (as pyridoxine HCI)	25 mg	Resveratrol (from Polygonum cuspidatum	10 mg	
ate (as calcium L-5-methyltetrahydrofolate) ⁺	1,360 mcg DFE	root extract)		
amin B ₁₂ (as methylcobalamin)	200 mcg	Lutein	6 mg	
tin	500 mcg	Lycopene	6 mg	
ntothenic Acid (as calcium D-pantothenate)	75 mg	Zeaxanthin	2 mg	
oline (as choline bitartrate)	25 mg	Other Ingredients: Microcrystalline cellulose, croscarmellose sodium, cellulose, stearic acid (vegetable), silica, and coating [hypromellose, medium-chain triglycerides, hydroxypropylcellulose, and sodium copper chlorophyllin (color)].		
line (as potassium iodide)	150 mcg			
gnesium (as magnesium citrate)	40 mg			
ic (as zinc citrate)	15 mg	 Directions: Take one to two tablets once daily with food or as directed by your healthcare practitioner. This product is non-GMO and gluten-free. Warning: Do not use if pregnant or nursing. Excess vitamin A may increase the risk of birth defects. Pregnant women and women who may become pregnant should not exceed 3,000 mcg of preformed vitamin A per day. Caution: If taking medications consult your healthcare practitioner before use. Keep out of the reach of children. 		
enium (as selenium aspartate)	100 mcg			
pper (as copper citrate)	1 mg			
nganese (as manganese citrate)	0.5 mg			
romium (as chromium polynicotinate)	200 mcg			
lybdenum (as molybdenum aspartate complex)	50 mcg			

Storage: Keep tightly closed in a cool, dry place.

⁺ As Metafolin[®]. Metafolin[®] is a registered trademark of Merck KGaA, Darmstadt Germany

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*Previously the clinical research arm of Metagenics.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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