

Ultra Preventive® Beta

DESCRIPTION

Douglas Laboratories® is proud to announce that Ultra Preventive® Beta now contains Metafolin®, a patented, natural form of (6S) 5-methyltetrahydrofolate (5-MTHF) as well as 1,000 IU of vitamin D3 per serving. 5-MTHF is the naturally occurring, predominant form of folate commonly found in cells and is essential for overall health, as it participates as a cofactor in a reaction that involves the remethylation of homocysteine to methionine. Unlike synthetic folic acid, 5-MTHF can be used directly by the body, without the need for an additional conversion via the enzyme (5,10-methylenetetrahydrofolate reductase (MTHFR)). In certain populations, the body's ability to convert folic acid to 5-MTHF by use of this enzyme may be compromised due to genetic differences. Metafolin® contains only the S isomer of 5-MTHF and has been shown to be the only form of folate to be able to cross the blood-brain barrier. Additional vitamin D3 (also known as cholecalciferol) has been added to this formula as numerous scientists now feel that supplementation with vitamin D at levels greater than previously thought necessary is critical to helping maintain overall health.

FUNCTIONS

Studies show that a high percentage of adults and children in North America and other developed countries eat less than the minimum daily allowance of 10 or more essential nutrients. Adequate amounts and proper balance of these nutrients are needed not only for maintaining good health, but also for the dietary management and prevention of chronic diseases. Ultra Preventive Beta has been carefully developed to contain the right proportions of vitamins, minerals, and trace elements without danger of toxic build-up and without side effects. Each ingredient is selected in consideration of its absorbability, competitive relationship with other nutrients, allergenic potential, and long-term safety. Certain nutrients are purposely omitted (phosphorus); others, such as beta-carotene, vitamin C, vitamin E and B-complex vitamins are included in high-potency amounts because of the vital roles they play in antioxidant protection, energy production and maintenance of healthy blood cells, nervous system, hormonal balance, and more. Minerals and trace elements are provided in their safest and most bioavailable forms, such as amino acid chelates and other scientifically validated and clinically superior forms. Ultra Preventive Beta is noteworthy for its inclusion of natural-Betatene, which supplies natural mixed carotenoids including beta-carotene, alpha-carotene, zeaxanthin, cryptoxanthin and additional lutein and lycopene. These important nutrients are important nutrients that play a number of roles in contributing to overall good health.

INDICATIONS

Ultra Preventive Beta is ideal for individuals with vitamin, mineral and trace element deficiencies due to sub-optimal dietary intake, age and life style. For many individuals, Ultra Preventive Beta is the only daily nutritional supplement and antioxidant formula they need to take.

FORMULA (#200571)

6 Tablets Contain:

Vitamin A.....	15,000 IU
(100% as natural Beta-Carotene with full spectrum Carotenoids**)	
Vitamin C (Ascorbic Acid)	1,200 mg
Vitamin D-3	1,000 IU
Vitamin E (as Vitamin E Succinate)	400 IU
Thiamine (as Thiamine HCl)	100 mg
Riboflavin	50 mg
Niacin/Niacinamide	190 mg
Vitamin B-6	100 mg
(as Pyridoxine HCl/Pyridoxal-5-Phosphate Complex)	
Folate (as L-methylfolate, Metafolin®).....	800 mcg
Vitamin B-12	100 mcg
(on Ion Exchange Resin)	

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Biotin	300 mcg
Pantothenic Acid	500 mg
(as d-Calcium Pantothenate)	
Calcium	500 mg
(from Calcium Citrate/Ascorbate Complex)	
Iodine (from Kelp)	200 mcg
Magnesium	500 mg
(from Magnesium Aspartate/Ascorbate Complex)	
Zinc (as)	30 mg
Selenium	200 mcg
(Organic Selenium from Krebs† Cycle and Kelp)	
Manganese	20 mg
(from Manganese Aspartate Complex)	
Chromium	200 mcg
(Organically bound with GTF activity—low allergenicity)	
Molybdenum	100 mcg
(from Molybdenum Krebs†)	
Potassium	99 mg
(from Potassium Aspartate Complex)	
Choline (from Choline Citrate/Bitartrate).....	60 mg
Inositol.....	100 mg
Citrus Bioflavonoid Complex	100 mg
PABA (para-Aminobenzoic Acid)	50 mg
Vanadium (from Vanadium Krebs†).....	50 mcg
Boron	3 mg
(from Boron Aspartate/ Citrate Complex)	
Trace Elements (from Sea Vegetation).....	100 mcg
N-Acetyl-L-Cysteine/L-Cysteine HCl	200 mg
L-Methionine	12.5 mg
Glutamic Acid.....	20 mg
(from Glutamic Acid HCl)	
Betaine (from Betaine HCl)	114 mg

**Including Beta-Carotene, Alpha-Carotene, Zeaxanthin, Cryptoxanthin and additional Lutein and Lycopene.
 †Krebs = Citrate, Fumarate, Malate, Glutarate and Succinate Complex.
 Metafolin® is a registered trademark of Merck KGaA, Darmstadt, Germany.

SUGGESTED USE

Adults take 6 tablets daily with meals or as directed by physician.

SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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REFERENCES

- Bagchi M, Balmoori J, Bagchi D, Ray SD, Kuszynski C, Stohs SJ. Smokeless tobacco, oxidative stress, apoptosis, and antioxidants in human oral keratinocytes [published erratum appears in Free Radic Biol Med 1999 Jun;26(11-12):1599]. Free Radic Biol Med 1999;26:992-1000.
- Cranton EM, Frackleton JP: Free radical pathology in age-associated disease: treatment with EDTA chelation, nutrition, and antioxidants. J Holistic Med 1984;6:1-36.
- Davis BP et al: Enhanced absorption of oral vitamin B12 from a resin ascorbate administered to normal subjects. Manip Physiol Ter 1982;5:123-127.
- Feher J, Lengyel G, Blazovics A. Oxidative stress in the liver and biliary tract diseases. Scand J Gastroenterol Suppl 1998;228:38-46.
- Forsleff L, Schauss AG, Bier ID, Stuart S. Evidence of functional zinc deficiency in Parkinson's disease. J Altern Complement Med 1999;5:57-64.
- Johnson K, Kligman EW. Preventive nutrition: an 'optimal' diet for older adults. Geriatrics 1992;47:56-60.
- Oldham KM, Bowen PE. Oxidative stress in critical care: is antioxidant supplementation beneficial? J Am Diet Assoc 1998;98:1001-8.
- Seekamp A, Hultquist DE, Till GO. Protection by vitamin B2 against oxidant-mediated acute lung injury. Inflammation 1999;23:449-60.

For more information visit douglaslabs.com

† 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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Your patients trust you.**