Ultra Glucose Support Pack

DESCRIPTION

Ultra Glucose Support Pack is a comprehensive combination of vitamins, minerals, co-q10, antioxidants, fish oil and other important nutrients designed to support healthy blood glucose levels, peripheral circulation, cardiovascular health, and AGE (advanced glycation end-product) inhibition for healthy aging.†

FUNCTIONS

Glucose metabolism that is associated with high blood glucose can lead to high levels of glycation. Advanced glycation end products (AGEs) are proteins or lipids that become glycated after exposure to sugars. The presence and accumulation of AGEs in many different cell types affect extracellular and intracellular structure and function. In high blood sugar environments and in natural aging, AGEs alter cell structure and normal vascular function. Crucial to maintaining healthy AGE formation is optimal antioxidant protection.

Proanthocyanidins are a class of potent antioxidants found in pine bark extract, grape seed extract, resveratrol and many other plants. OPC (oligomeric proanthocyanidins) has been shown to neutralize free radicals, support the strength and structure of blood vessels, and support the normal inflammatory response.† MegaNatural® BP Grape seed extract is different from other grape seed extracts and made by a patented water extraction process that yields over 90% proanthocyanidins. Alpha lipoic acid (ALA) is another antioxidant among the well-researched nutrients for support of peripheral nerve function. ALA may normalize nitric oxide levels to support increased circulation to the neurons. One study confirmed ALA resulted in significant reductions in lipid peroxidation. In vitro studies of N-acetyl-L-cysteine have documented inhibition of glycation induced damage to pancreatic cells. N-acetyl-L-cysteine is a potent antioxidant, serving as an intracellular precursor of glutathione. Since nearly all cellular activities are dependent upon energy, coenzyme Q-10 is essential for the health of all human tissues and organs. Coenzyme Q-10 is a naturally-occurring antioxidant nutrient which impedes free radical formation in biological systems.

BenfoPure® is a unique proprietary form of Benfotiamine, a fat-soluble form of Vitamin B-1 Thiamine. Studies show that BenfoPure® Benfotiamine is significantly more bioavailable than traditional forms of Vitamin B-1 or thiamine. Benfotiamine supports the body through blocking biochemical pathways by which high blood sugar damages cells. Benfotiamine maintains normal endothelial function by reducing the risk of AGEs, which is associated with optimal cardiovascular health.†

Chromium is an integral component of the glucose tolerance factor (GTF), a naturally occurring compound of chromium, nicotinic acid, and amino acids that is essential for proper glucose metabolism. Adequate chromium nutrition is essential for the formation of GTF and the healthy metabolism of blood glucose. *Gynema sylvestre* is an ayurvedic botanical that may assist in the normal regeneration and repair of healthy pancreatic beta cells. Gymnema is also thought to be supportive in maintaining normal intestinal glucose absorption. Human and animal studies have indicated it may be useful in supporting healthy glucose metabolism. Research suggests that the trace element vanadium may have unique activity within a number of physiological systems including insulin sensitivity and lipid and carbohydrate metabolism. Biotin serves as a cofactor of glucose metabolism and induces glucokinase, an enzyme that encourages cells to retain glucose for energy production rather than release it into the blood stream.

Ultra Glucose Support Pack also includes important phytonutrients in a proprietary blend of wild blueberry, strawberry and spinach extracts to supply active polyphenols for protection against free radical damage. Lutein, lycopene, zeaxanthin, and astaxanthin are carotenoid antioxidants for ocular health and beyond. Astanxanthin, the most powerful carotenoid sourced from algae, is increasingly popular due to its' numerous health benefits studied such as cardiovascular, immune, and inflammatory support. † Pterostilbene, a methylated form of resveratrol is another potent antioxidant and has been clinically studied for cardiovascular, blood sugar, cognitive and longevity support. †

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EPA and DHA acids also participate in the regulation of already normal blood lipid and lipoprotein levels. The benefits of omega-3 fatty acids continue to emerge and numerous health organizations around the world recommend adequate daily intake of EPA and DHA. Data continues to accumulate that supports EPA and DHA in cardiovascular health as well as many other areas, including neurological health, vision health, and joint health.†

INDICATIONS

Ultra Glucose Support Pack may be a useful dietary supplement for individuals wishing to support healthy blood sugar metabolism.

FORMULA (#66811-60X)

4 AM Dock contains (2 consules 2 tablets 4 coffeel)
1 AM Pack contains (2 capsules, 2 tablets, 1 softgel):
Calories from Fat
Total Fat 1.25 g
Vitamin A (as natural beta-carotene)2,500 IU
Vitamin C (as Ascorbic Acid) 60 mg
Vitamin D-31,500 IŬ
Vitamin E (as d-alpha tocopheryl succinate)50 IU
Thiamine (as Thiamine HCl/thiamine pyrophosphate)37.5 mg
Riboflavin (as Riboflavin-5-phosphate) 5 mg
Niacin/Niacinamide
Vitamin B-6 (as Pyridoxal-5-phosphate) 5 mg
Folate (as L-methylfolate, Metafolin®)200 mcg
Vitamin B-12 (as methylcobalamin)125 mcg
Biotin
Pantothenic Acid 12.5 mg
(d-calcium pantothenate)
Calcium (as Calcium Citrate/Malate Complex) 25 mg
Magnesium (as Magnesium Citrate) 12.5 mg
lodine (from kelp)75 mcg
Zinc (as Opti-Zinc®, monomethionine) 7.5 mg
Selenium (as amino acid chelate)50 mcg
Copper (as amino acid chelate) 0.5 mg
Chromium (as amino acid chelate/polynicotinate)460 mcg
Molybdenum (as amino acid chelate)50 mcg
Potassium (as Potassium Aspartate)
Omega-3 Supercritical CO ₂
Triglyceride Concentrate
Providing:
EPA (Eicosapentaenoic Acid)
DHA (Docosahexaenoic Acid)400 mg
Coenzyme Q-10
Red Wine Proanthocyanidins (fruit) 5 mg
Alpha-Lipoic Acid 150 mg
N-Acetyl-L-Cysteine
Gymnema sylvestre leaf,200 mg
dried extract, min. 25% gymnemic acids
Vanadium (from Vanadium Krebs†)250 mcg
Choline (as Choline Bitartrate)
Inositol
Lutein
Lycopene (natural) 1.5 mg
Zeaxanthin
Astaxanthin
Pterostilbene (methylated resveratrol, pTeroPure™)5 mg
Proprietary Blend
Wild Blueberry Extract (fruit, Vaccinium angustifolium,
standardized to 4% polyphenols), Strawberry Extract (fruit,
Fragaria vesca, standardized to 2% polyphenols), Spinach
Extract (leaf, Spinacia oleracea, standardized to 1.5%
polyphenols)
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1 PM Pack Contains (2 capsules, 2 tablets): Vitamin A (as natural beta carotene)
Riboflavin (as Riboflavin-5-phosphate)5 mg Niacin/Niacinamide
Calcium
(fruit, <i>Fragaria vesca</i> , standardized to 2% polyphenols), Spinach Extract (leaf, <i>Spinacia oleracea</i> , standardized to 1.5% polyphenols)

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Other ingredients: Cellulose, gelatin (capsule, from fish [Tilapia]), hydroxypropyl methylcellulose (capsule), dicalcium phosphate, vegetable stearate, silica, stearic acid, titanium dioxide, dextrose, magnesium silicate, glycerin, water, rosemary extract (leaf), caramel color and natural vanilla flavor.

This product contains fish oil (anchovies, sardines, mackerel).

†Krebs = Citrate, Fumarate, Malate, Glutarate and Succinate Complex.

SUGGESTED USE

Adults take 1 AM pack in the morning with a meal and 1 PM pack in the evening with a meal, or as directed by your healthcare professional.

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

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

REFERENCES

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For more information on Ultra Glucose Support Pack™ 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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You trust Douglas Laboratories. Your patients trust you.