

C.V. Support Formula™

Cardiovascular health‡

DESCRIPTION

C.V. Support Formula™ by Douglas Laboratories provides a comprehensive vitamin/mineral/trace element formula with bioavailable nutrient forms to support daily wellness and cardiovascular health. This formula features a proprietary blend of nutrients including coenzyme Q₁₀ and a proprietary blend of herbs.‡

INDICATIONS

- Support for cardiovascular health‡
- Support for daily wellness‡

FUNCTIONS AND MECHANISM OF ACTION

C.V. Support Formula™ has been carefully developed to contain adequate amounts of vitamins, minerals and other beneficial nutrients and enzymes. Each ingredient is selected in consideration of its absorbability, competitive relationship with other nutrients, and safety. The specific nutrients play vital roles and support cellular, heart, cognitive and immune health, among other functions. Vitamin C is a water-soluble antioxidant nutrient. It is essential for connective tissue and bone metabolism, capillary health and immune function. Vitamin E is recognized as a fat-soluble antioxidant. It provides cell stabilization and supports cell membranes. These vitamins enhance the antioxidant capacity to support the cardiovascular system.‡

Calcium provides a highly beneficial source of dietary calcium that assists in the maintenance of healthy bone structure and function. In addition, calcium is essential to maintain and perform cellular signaling in many physiological functions, including muscle contraction, neuronal excitability and cell growth. Vitamin D is responsible for the absorption of calcium into the blood. Magnesium plays an essential role in a wide range of fundamental cellular reactions. More than 300 enzymes require magnesium as a cofactor. Complexed with adenosine triphosphate (ATP), the main carrier of metabolic energy in the body, magnesium is essential for many biosynthetic processes: glycolysis, formation of cyclic adenosine monophosphate (cAMP), energy-dependent membrane transport, transmission of genetic code for protein synthesis and muscle function. Zinc is also essential for a wide range of physiological functions, including the regulation of intracellular signaling pathways in innate and adaptive immune cells.‡

C.V. Support Formula supplies a proprietary blend that of herbs and nutrients including Coenzyme Q₁₀ (CoQ₁₀). CoQ₁₀ is a core component of cellular energy production and respiration, shuttling electrons down the electron transport chain to produce the key energy-rich molecule adenosine triphosphate (ATP). CoQ₁₀ provides support to all cells of the body and is especially supportive of tissues that require a lot of energy, such as the heart muscle, periodontal tissue and the cells of the body’s natural defense system. By supporting cellular energy levels, and promoting cellular and tissue health, CoQ₁₀ provides nutritional support for the cardiovascular system. Numerous clinical studies suggest that CoQ₁₀ supports healthy blood flow and heart muscle function. Herbs such as Hawthorn and *Ginkgo biloba* may promote healthy blood circulation. ‡

Choline acts as a methyl donor for homocysteine and folate metabolism in the methylation cycle following conversion to betaine, and as a structural component of cellular membranes and synthesis of the neurotransmitter acetylcholine. Choline and inositol are lipotropic factors that support liver function, in part by promoting healthy mobilization of fats. This formula contains copper, an essential trace mineral that supports a number of crucial physiological processes including antioxidant function, iron absorption and protein metabolism.‡

FORMULA (#202702)

Serving Size 3 Tablets:

Vitamin A 4,500 mcg
 (25% as vitamin A palmitate/75% [3,375 mcg] as beta-carotene)

Vitamin C (as ascorbic acid)	750 mg
Vitamin D ₃ (as cholecalciferol)	0.9 mcg (37.5 IU)
Vitamin E (as vitamin E succinate)	100.5 mg
Thiamine (as thiamine mononitrate)	37.5 mg
Riboflavin	18.75 mg
Niacin/Niacinamide	90 mg
Vitamin B ₆ (as pyridoxine HCl/pyridoxal-5-phosphate complex).....	18.75 mg
Folate (as folic acid)	1,000 mcg DFE (600 mcg folic acid)
Vitamin B ₁₂ (as cyanocobalamin)	75 mcg
Biotin	225mcg
Pantothenic Acid (as d-calcium pantothenate)	112.5 mg
Choline (as choline citrate/bitartrate)	15 mg
Calcium (as calcium citrate/ascorbate/carbonate complex)	225 mg
Magnesium (as magnesium aspartate/ascorbate/oxide complex)	225 mg
Zinc (as zinc aspartate/krebs ^{††} /oxide complex)	15 mg
Selenium (as selenium krebs ^{††})	150 mcg
Copper (as copper krebs ^{††}).....	1.5 mg
Manganese (as manganese aspartate/sulfate complex)	11 mg
Chromium (as chromium polynicotinate).....	150 mcg
Molybdenum (as molybdenum krebs ^{††})	37.5 mcg
Potassium (as potassium aspartate/chloride complex).....	56.25 mg
C.V. Support Proprietary Blend	375 mg
Tetrasodium EDTA, Lecithin Complex (soya), Betaine HCl, L-Carnitine, Garlic Bulb, Pepsin 1:10,000, Papain (<i>Carica papaya</i> , papaya latex), Trypsin, Cayenne (fruit), Hawthorne (berry), Citrus Pectin, Alfalfa (leaves and stems), Ginger (root), L-Cystine, N-Acetyl-L-Cysteine, L-Glutamic Acid, L-Cysteine, L-Methionine, Coenzyme Q ₁₀ , <i>Ginkgo biloba</i> Extract (leaf), Bromelain (<i>Ananas comosus</i> , stem) and Chymotrypsin	
Aspartic Acid	210 mcg
Citrus Bioflavonoids Complex	75 mg
PABA (para-aminobenzoic acid)	37.5 mg
Inositol	18.75 mg
Boron (as boron aspartate/citrate complex)	0.75 mg
Trace Mineral Complex (from seawater).....	75 mcg
Vanadium (as vanadium krebs ^{††})	18.75 mcg

Other ingredients: Microcrystalline cellulose, stearic acid, tablet coating (hypromellose, glycerin), vegetable stearate, croscarmellose sodium and silica

Contains: Soy

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

Gluten-Free, Non-GMO

SUGGESTED USE

As a dietary supplement, adults take 3 tablets daily with a meal or as directed by a health professional.

WARNING

Not to be taken by pregnant or lactating women. If you have any health condition or taking any medication, particularly blood thinners, consult your health professional before using this product. Discontinue immediately if a burning sensation occurs. Not recommended for people with ulcers.

STORAGE

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

REFERENCES

- Girodon F, Blache D, Monget AL, et al. *J Am Coll Nutr*. 1997 Aug;16(4):357-65.
- Hercberg S, Galan P, Preziosi P, et al. *Arch Intern Med*. 2004 Nov 22;164(21):2335-42.
- Wang MX, Jiao JH, Li ZY, et al. *Atherosclerosis*. 2013 Apr;227(2):380-5.
- Sato K, Niki E, Shimasaki H. *Arch Biochem Biophys*. 1990 Jun;279(2):402-5.
- Huskisson E, Maggini S, Ruf M. *J Int Med Res*. 2007 May-Jun;35(3):277-89.
- Depeint F, Bruce WR, Shangari N. *Chemico-Biological Interactions*. 2006. 123; 94–112.
- Tsugawa N, Shiraki M. *Nutrients*. 2020 Jun 27;12(7):1909
- Rodríguez-Olleros Rodríguez C, Díaz Curiel M. *J Osteoporos*. 2019 Dec 31;2019:2069176.
- Brunaud L, Alberto JM, Ayav A et al. *Clin Chem Lab Med*. 2003 Aug;41(8):1012-9.
- Miller AL. *Altern Med Rev*. 2003 Feb;8(1):7-19.
- Costa KA, Gaffney CE, Fischer LM, Zeisel SH. *Am J Clin Nutr*. 2005 Feb; 81(2): 440–444.
- Lee JK, Jung SH, Lee SE, et al. *Korean J Physiol Pharmacol*. 2018 Jan; 22(1): 35–42.
- Panche AN, Diwan AD, Chandra SR. *J Nutri Sci*. 2016;5:e47.
- Johnston CS, Barkyoumb GM, Schumacher SS. *Nutrients*. 2014 Jul 9;6(7):2572-83.
- Sasazuki S, Sasaki S, Tsubono Y, et al. *Eur J Clin Nutr*. 2006 Jan;60(1):9-17.
- Kurutas EB. *Nutr J*. 2016; 15: 71.
- den Heijer M, Brouwer IA, Bos GM, et al. *Arterioscler Thromb Vasc Biol*. 1998 Mar;18(3):356-61.
- Robinson K, Arheart K, Refsum H, et al. *Circulation*. 1998; 97: 437-443.
- Johnston CS, Barkyoumb GM, Schumacher SS. *Nutrients*. 2014 Jul 9;6(7):2572-83.
- Tanaka T, Scheet P, Biusti B, et al. *Amer J Hum Genetics*. Apr 2009. 84: 477–482.
- Antoniades C, Shirodaria C, Warrick N, et al. *Circulation*. 2006 Sep 12;114(11):1193-201.
- Cagnacci A, Cannoletta M, Volpe A. *Eur J Clin Nutr*. 2009 Oct;63(10):1266-8.
- Stanhewicz AE, Alexander LM, Kenney WL. *Clin Sci (Lond)*. 2015 Jul;129(2):159-67.
- Lövlblad K, Ramelli G, Remonda L, et al. *Pediatr Radiol*. 1997 Feb;27(2):155-8.
- Douaud G, Refsum H, de Jager CA, et al. *Proc Natl Acad Sci U S A*. 2013 Jun 4;110(23):9523-8.
- Suzuki T. *Nihon Yakurigaku Zasshi*. 1984 Jul;84(1):99-108.
- Merete C, Falcon LM, Tucker KL. *J Am Coll Nutr*. 2008 Jun; 27(3): 421–427.
- van Asselt DZ, Pasma JW, van Lier HJ, et al. *J Gerontol A Biol Sci Med Sci*. 2001 Dec;56(12):M775-9.
- Prasad AS. *Curr Opin Clin Nutr Metab Care*. 2009 Nov;12(6):646-52.
- Shankar AH, Prasad AS. *Am J Clin Nutr*. 1998 Aug;68(2 Suppl):447S-463S.
- Hosseini-nezhad A, Spira A, Holick MF. *PLoS One*. 2013;8(3):e58725.
- Amrein K, Zajic P, Schnedl C, et al. *Crit Care*. 2014 Mar 24;18(2):R47.
- Wintergerst ES, Maggini S, Hornig DH. *Ann Nutr Metab*. 2006;50(2):85-94.
- Padayatty SJ, Katz A, Wang Y, et al. *J Am Coll Nutr*. 2003 Feb;22(1):18-35.
- Frech T, Clegg D. *Curr Rheumatol Rep [serial online]*. April 2007;9(1):25-30.
- Carr AC, Bozonet SM, Pullar JM, et al. *Am J Clin Nutr*. 2013 Apr;97(4):800-7.
- Szarka A, Lőrincz T. *Protoplasma*. 2014 May;251(3):489-97.
- Aghajanian P, Hall S, Wongworawat MD, Mohan S. *J Bone Miner Res*. 2015 Nov; 30(11): 1945–1955.
- Malmir H, Shab-Bidar S, Djafarian K. *Br J Nutr*. 2018 Apr;119(8):847-858.
- Henriksson P, Diczfalusy U, Freyschuss A. *Microcirculation*. 2012;19(1):86-93.
- May JM, Harrison FE. *Antioxid Redox Signal*. 2013 Dec 10; 19(17): 2068–2083.
- Uchio R, Hirose Y, Murosaki S, et al. *Br J Nutr*. 2015 Feb 28;113(4):603-9.
- Ferrón-Celma I, Mansilla A, Hassan L, et al. *J Surg Res*. 2009 May 15;153(2):224-30.
- Abdollahzad H, Egtesadi S, Nourmohammadi I, et al. *Int J Vitam Nutr Res*. 2009 Sep;79(5-6):281-7.
- Bauer JD, Isenring E, Waterhouse M. *J Hum Nutr Diet*. 2013 Oct;26(5):452-8.
- Keen MA, Hassan I. *Indian Dermatol Online J*. 2016;7(4):311-315.
- Rendón-Ramírez AL, Maldonado-Vega M, Quintanar-Escorza MA, et al. *Environ Toxicol Pharmacol*. 2014 Jan;37(1):45-54.
- Sureda A, Tauler P, Aguiló A, et al. *Ann Nutr Metab*. 2008;52(3):233-40.
- Wang X, Quinn PJ. *Prog Lipid Res*. 1999 Jul;38(4):309-36.

Evstigneeva RP, Volkov IM, Chudinova VV. *Membr Cell Biol.* 1998;12(2):151-72.
Leopold JA. *Coron Artery Dis.* 2015 Mar; 26(2): 176–183.
Quesada Gómez JM, Blanch Rubió J, Díaz Curiel M, Díez Pérez A. *Clin Drug Investig.* 2011;31(5):285-98.
Giorgi C, Marchi S, Pinton P. *Nat Rev Mol Cell Biol.* 2018;19(11):713-730.
Sun-Edelstein C, Mauskop A. *Expert Rev Neurother.* 2019;9(3):369-379.
Elin RJ. *Clin Chem* 1987;33:1965-1970.
João-Matias, et al. *Blood Purif.* 2014;38(3-4):244-52.
Rodríguez-Moran M, Guerrero-Romero F. *Arch Med Res.* 2014;45(5):388-93.
Nowak G, Siwek M, Dudek D, et al. *Pol J Pharmacol.* 2003 Nov-Dec;55(6):1143-7.
van Tiggelen CJM. *Psychiatry (Canada)* 1984. 13(2); 97-104.
Arnold LE, Pinkham SM, Votolato N. *J Child Adolesc Psychopharmacol.* 2000 Summer;10(2):111-7.
Science M, Johnstone J, Roth DE, et al. *CMAJ.* 2012 Jul 10;184(10):E551-61.
Maywald M, Rink L. *Eur J Nutr.* 2017 Aug;56(5):1859-1869.
Wessels I, Maywald M, Rink L. *Nutrients* 2017 Dec;9(12):1286.
Sandhir R, Sethi N, Aggarwal A, Khera A. *Neurochem Int.* 2014 Jul;74:16-23.
Kumar A, Kaur H, Devi P, Mohan V. *Pharmacol Ther.* 2009 Dec;124(3):259-68.
Khalil MS, Khamis N, Al-Drees A, et al. *Histol Histopathol.* 2015 Mar;30(3):383-90.
Yoneda T, Tomofuji T, Ekuni D, et al. *J Dent Res.* 2013 Aug;92(8):735-9.
Bhagavan HN, Chopra RK. *Free Radic Res.* 2006 May;40(5):445-53.
Zheng A, Moritani T. *J Nutr Sci Vitaminol (Tokyo).* 2008 Aug;54(4):286-90.
Burke BE, Neuenschwander R, Olson RD. *South Med J.* 2001 Nov;94(11):1112-7.
Hodgson JM, Watts GF, Playford DA, et al. *Eur J Clin Nutr.* 2002 Nov;56(11):1137-42.
Langsjoen P, Langsjoen P, Willis R, Folkers K. *Mol Aspects Med.* 1994;15 Suppl:S265-72.
Soja AM, Mortensen SA. *Mol Aspects Med.* 1997;18 Suppl:S159-68
Zakhari S. *Alcohol Res.* 2013; 35(1): 6–16.
Mahmoud AM, Mohamed MA. *Nutrients.* 2019 Mar; 11(3): 608.
Hollenbeck C.B. *Cent Nerv Syst Agents Med Chem.* 2012;12:100–113.
Pizzorno JE, Murray MT, Joiner-Bey Herb. Elsevier; 2016.
Kenney JL, Carlberg KA. *Int J Sports Med.* 1995 Feb;16(2):114-6.
Herchenhan A, Uhlenbrock F, Eliasson P, et al. *J Biol Chem.* 2015 Jun 26;290(26):16440-50.
DiSilvestro RA, Joseph EL, Zhang W, et al. *Metabolism.* 2012 Sep;61(9):1242-6.
Ogra Y. *Nihon Eiseigaku Zasshi.* 2014;69(2):136-45.
Reeves PG, DeMars LC. *J Nutr.* 2004 Aug;134(8):1953-7.
Reeves PG, Demars LC, Johnson WT, et al. *J Nutr.* 2005 Jan;135(1):92-8.
Bauerly KA, Kelleher SL, Lönnerdal B. *Am J Physiol Gastrointest Liver Physiol.* 2005 May;288(5):G1007-14.
Ergaz Z, Guillemin C, Neeman-Azulay M, et al. *Toxicol Appl Pharmacol.* 2014 May 1;276(3):220-30.
Cunnane SC, Horrobin DF, Manku MS. *Ann Nutr Metab.* 1985;29(2):103-10.

For more information on C.V. Support Formula, 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.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15275
800-245-4440
douglaslabs.com



PUSH YOUR POTENTIAL.

©2022 Douglas Laboratories. All Rights Reserved.