

Ubiquinol CoQ10

Cardiovascular Support

Cellular Energy

100 mg

Product Summary

The only lipid-soluble endogenously synthesized antioxidant, CoQ10 (ubiquinone) has well established roles as a free radical scavenger in both mitochondrial and lipid membranes, as an electron carrier essential to cellular respiration and ATP production and recently has been shown to influence gene expression.¹⁻⁴

Given the central role of CoQ10 in mitochondrial function and cellular antioxidant protection, its clinical applications are extensive. Just a few of the many health conditions associated with requiring supplemental CoQ10 to boost levels are: general antioxidant support, cardiovascular disease (high blood pressure, congestive heart failure, cardiomyopathy, protection during cardiac surgery, high cholesterol being treated by drugs, especially statins), cancer (to boost immune function and/or offset chemotherapy side effects), diabetes mellitus, male infertility, Alzheimer's (prevention) and Parkinson's disease (prevention and treatment), periodontal disease and macular degeneration.⁵⁻¹¹ The reduced form of CoQ10, ubiquinol, has emerged as a more effective therapy for increasing plasma levels of CoQ10 than most forms of ubiquinone due to its increased solubility.¹²

Unique Features

- Increases plasma levels of CoQ10 significantly more per mg compared to ubiquinone
- Allows for higher peak plasma levels of CoQ10 especially when higher plasma CoQ10 are required
- Ubiquinol is a highly absorbable and bioavailable form of CoQ10
- Kaneka QH brand ubiquinol is naturally produced via yeast fermentation and is free of the impurities of synthetically processed CoQ10
- Genetically modified organism (GMO) free, allergen free, and Kosher certified

bioclinic
naturals
natural solutions + clinical results
www.bioclinicnaturals.com

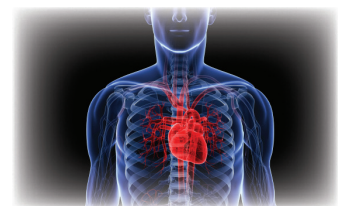
Ubiquinol CoQ10

Cardiovascular Support

60 Softgels

Code: 9315

NPN: 80029020



Supplement Facts

Serving Size: 1 Softgel

Servings per Container: 60

Each Softgel Contains:

Ubiquinol CoQ10 (Kaneka Q+) (Microorganism)	100 mg
Organic Flaxseed Oil (<i>Linum usitatissimum</i>) (seed)	297 mg

Non-medicinal Ingredients: Softgel (gelatin, glycerin, purified water, carob), yellow beeswax, non-GMO sunflower lecithin, vitamin E (non-GMO sunflower oil).

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

Recommended Adult Dose: 1 softgel 1–3 times per day or as directed by a health care practitioner.

Recommended Use: Supports cardiovascular health. An antioxidant for the maintenance of good health.

Kaneka Q+ is more absorbable than regular ubiquinone CoQ10, helping to restore optimal levels of CoQ10 quickly and efficiently, especially in people over 40 or affected by certain age-related conditions. The body's ability to produce and convert CoQ10 into ubiquinol declines with age. Ubiquinol levels have been shown to be suppressed in people with cardiovascular, neurological, liver and metabolic syndrome conditions, and advanced age.

Contraindications: Consult a health care practitioner prior to use if you are taking blood pressure medication or blood thinners, or if you are pregnant or breastfeeding. Keep out of reach of children.

Drug Interactions: Although existing evidence has not found an interaction, CoQ10 resembles vitamin K structurally, potentially interfering with the anticoagulant warfarin. Close monitoring of the INR is recommended with CoQ10 introduction in these patients. No other negative drug interactions are known for CoQ10, though a number of medications are thought to interfere with CoQ10 synthesis or function in the body, including statin medications, tricyclic antidepressants and oral hypoglycemic agents.¹³

References:

- Potgieter M, Pretorius E, Pepper MS, *et al.* Primary and secondary coenzyme Q10 deficiency: the role of therapeutic supplementation. *Nutr Rev.* 2013 Mar;71(3):180-8.
- Littarru GP, Tian L. Clinical aspects of coenzyme Q10: an update. *Nutrition.* 2010 Mar;26(3):250-4. doi: 10.1016/j.nut.2009.08.008.
- Littarru GP, Tian L. Bioenergetic and antioxidant properties of coenzyme Q10: recent developments. *Mol Biotechnol.* 2007 Sep;37(1):31-7.
- González-Guardia L, Yubero-Serrano EM, Delgado-Lista J, *et al.* Effects of the Mediterranean Diet Supplemented With Coenzyme Q10 on Metabolomic Profiles in Elderly Men and Women. *J Gerontol A Biol Sci Med Sci.* 2014 Jul 1. pii: glu098. [Epub ahead of print]
- Gao L, Mao Q, Cao J, *et al.* Effects of coenzyme Q10 on vascular endothelial function in humans: a meta-analysis of randomized controlled trials. *Atherosclerosis.* 2012 Apr;221(2):311-6. doi: 10.1016/j.atherosclerosis.2011.
- Rosenfeldt FL, Haas SJ, Krum H, *et al.* Coenzyme Q10 in the treatment of hypertension: a meta-analysis of the clinical trials. *J Hum Hypertens.* 2007 Apr;21(4):297-306.
- Shults CW, Flint Beal M, Song D, *et al.* Pilot trial of high dosages of coenzyme Q10 in patients with Parkinson's disease. *Exp Neurol.* 2004 Aug;188(2):491-4.
- Villalba JM, Parrado C, Santos-Gonzalez M, *et al.* Therapeutic use of coenzyme Q10 and coenzyme Q10-related compounds and formulations. *Expert Opin Investig Drugs.* 2010 Apr;19(4):535-54.
- Littarru GP, Tian L. Clinical aspects of coenzyme Q10: an update. *Curr Opin Clin Nutr Metab Care.* 2005 Nov;8(6):641-6.
- Molyneux SL, Florkowski CM, George PM, *et al.* Coenzyme Q10: an independent predictor of mortality in chronic heart failure. *J Am Coll Cardiol.* 2008 Oct 28;52(18):1435-41.
- Safarinejad MR, Safarinejad S, *et al.* Effects of the reduced form of coenzyme Q10 (ubiquinol) on semen parameters in men with idiopathic infertility: a double-blind, placebo controlled, randomized study. *J Urol.* 2012 Aug;188(2):526-31. doi: 10.1016/j.juro.2012.03.131.
- Failla ML, Chitchumroonchokchai C, Aoki F. Increased Bioavailability of Ubiquinol Compared to That of Ubiquinone Is Due to More Efficient Micellarization during Digestion and Greater GSH-Dependent Uptake and Basolateral Secretion by Caco-2 Cells. *J Agric Food Chem.* 2014 Jul 23;62(29):7174-82. doi: 10.1021/jf5017829. Epub 2014 Jul 9.
- Bonakdar RA, Guarneri E. Coenzyme Q10. *Am Fam Physician.* 2005 Sep 15;72(6):1065-70.



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



PRODUCT OF CANADA
 Bioclinic Naturals® Canada
 Burnaby, BC V3N 4T6
www.bioclinicnaturals.com
 1-844-384-7502

FOR PROFESSIONAL USE ONLY. This product is not intended to diagnose, treat, cure or prevent any disease.

© All Rights Reserved Bioclinic Naturals® 2015. October 2015, 50236

Bioclinic Naturals is distributed by Assured Natural Distribution Inc.

Head office Assured Natural Distribution Inc., 104 – 3686 Bonneville Place, Burnaby, BC, Canada V3N 4T6 | U.S. Distribution office 14224 167th Avenue SE, Monroe, WA, USA 98272

customer service 1-844-384-7502 • fax 1-844-384-7503 • email customer@assurednatural.com