



CO-Q-U

Cardiovascular Health

DESCRIPTION

CO-Q-U, available exclusively from Medical Wellness Associates, is a Caplique™ containing natural ubiquinol in a patented, naturally self-assembling nano-colloid system for enhanced absorption. CO-Q-U provides 100 mg of natural ubiquinol in easy to swallow liquid filled capsules.

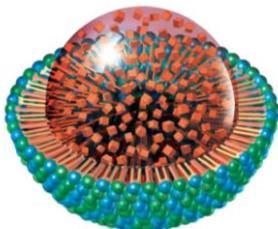
FUNCTIONS

Ubiquinol is the biologically reduced form of ubiquinone, also known as coenzyme Q10. Ubiquinone can be converted by the body into ubiquinol. While supplemental ubiquinone plays a valuable role in health and can be utilized by the body, recent studies indicate that as people age, the body's ability to convert ubiquinone to ubiquinol begins to decline. Since this nutrient plays critical roles in antioxidant, energy and cardiovascular function, ubiquinol may be of special importance for older adults looking to support normal aging and cardiovascular function.

In one study, older adults with suboptimal cardiovascular function were found to be able to support and maintain their cardiovascular function with supplementation of ubiquinol.

Our CO-Q-U is unique among other ubiquinol products as it utilizes the patented VESIsorb® technology to deliver ubiquinol. When mixed with an aqueous system, this patented technology results in the formation of a nano-colloid containing solubilized ubiquinol. This association colloid delivery system contains a highly uniform distribution of droplets that are less than 100 nm in diameter. The size and structure of these droplets allow for enhanced solubility and absorption of ubiquinol (Figure 1). Figure 1 represents the structure of a nano-colloid droplet

Figure 1

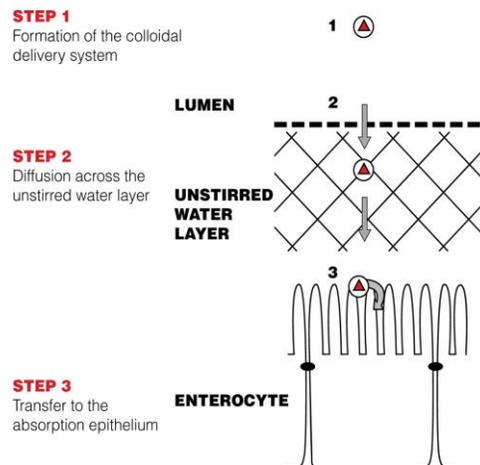


which consists of a monolayer with the ubiquinol contained within the core. The

formation of the colloidal system upon contact with an aqueous environment (such as the lumen of the intestine) enables the solubilized ubiquinol to more easily diffuse across the unstirred water layer that is present between the enterocyte and the lumen of the intestine (Figure 2). One can demonstrate the enhanced solubility of the ubiquinol contained in CO-Q-U by placing a capsule in warm water. Once the capsule opens, the contents can be easily mixed with the water, resulting in the formation of the association colloid. There is no separation of oil and water phases as is typical with more traditional delivery systems.

Figure 2

ABSORPTION PATHWAY



INDICATIONS

CO-Q-U may be a useful dietary supplement for individuals wishing to support cardiovascular

function.

FORMULA(200239)

1 Caplique™ Contains:

Vitamin E(as d-alpha tocopheryl)10 IU
Ubiquinol 100 mg
(Kaneka QH™ reduced form of CoQ10)

Other ingredients: Gelatin (capsule), medium chain triglycerides, polysorbate 80, polyglycerol fatty acid esters and titanium dioxide

VESISORB® is a registered trademark of Vesifact AG.



Kaneka QH™ is a trademark of Kaneka Corporation.

SUGGESTED USE

Adults take 1 Caplique™ daily with meals or as directed by your healthcare professional

SIDE EFFECTS

No adverse side effects reported.

STORAGE

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

REFERENCES

Frei B, Kim MC, Ames BN. Ubiquinol-10 is an effective lipid-soluble antioxidant at physiological concentrations. Proc Natl Acad Sci U S A. 1990 June; 87(12): 4879-4883

Hosoe K, Kitano M, Kishida H, Kubo H, Fujii K, Kitahara M. Study on safety and bioavailability of ubiquinol (Kaneka QH) after single and 4-week multiple oral administration to healthy volunteers. Regul Toxicol Pharmacol. 2007 Feb;47(1):19-28.

Langsjoen PH, Langsjoen AM. Supplemental ubiquinol in patients with advanced congestive heart failure. Biofactors. 2008;32(1-4):119-28.

Maroz A, Anderson RF, Smith RA, Murphy MP. Reactivity of ubiquinone and ubiquinol with superoxide and the hydroperoxyl radical: implications for in vivo antioxidant activity Free Radic Biol Med. 2009 Jan 1;46(1):105-9.

Yan J, Fujii K, Yao J, Kishida H, Hosoe K, Sawashita J, Takeda T, Mori M, Higuchi K. Reduced coenzyme Q10 supplementation decelerates senescence in SAMP1 mice. Exp Gerontol. 2006 Feb;41(2):130-40

†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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