What Is It?

Ubiquinol VESIsorb® offers a unique self-assembling nano-colloid system to enhance ubiquinol absorption. Ubiquinol is the active antioxidant form of CoQ₁₀. It has an additional two hydrogen atoms and compromises the majority of the ubiquinone/ubiquinol pool in the plasma of healthy young subjects. In the body, the enzymatic conversion of ubiquinone to ubiquinol in the mitochondria is a key step in the electron transport chain and the manufacture of ATP.*

Special Features

Enhanced Absorption Patented VESIsorb® Delivery System

- Developed by Vesifact, a Switzerland-based company dedicated to innovative technology and research
- Patented, lipid-based delivery system increases bioavailability of a bioactive that is fat soluble or that has poor water solubility*
- Self-assembling colloidal system forms evenly dispersed fluid droplets upon contact with water in the G.I. tract, each with a mean diameter of less than 100 nanometers and with the bioactive at its core
- Nanosized water-soluble droplets or micelles allow the bioactive to cross the water layer of the G.I. tract for absorption
- Provides extended release of the bioactive over time

The VESIsorb® technology is broken down into three steps:

Step 1
Formation of the colloidal delivery system

Step 2
Diffusion across the unstirred water layer

Step 3
Transfer to the absorptive surface of the GI epithelium

Ubiquinol VESIsorb®

- A human pilot study compared a typical ubiquinol preparation to ubiquinol in the VESIsorb® delivery system and demonstrated a 696% increase in peak blood levels and a 485% increase in relative bioavailability*
- A cross-over, pharmacokinetic pilot study (single oral dose) in humans compared an oil-based CoQ₁₀ preparation to CoQ₁₀ in the VESIsorb® delivery system and demonstrated a 308% increase in peak blood levels (Cₘₐₓ) and a 622% increase in area under the curve (AUC(0-10hr)), a measure of 10-hour bioavailability*
- In the same study, AUC(0-10hr) values were 285% and 499% greater with VESIsorb® CoQ₁₀ compared to two other solubilized, bio-enhanced preparations*

The VESIsorb® technology is broken down into three steps:

CoQ₁₀ with the VESIsorb® delivery system demonstrated a 308% increase in peak plasma levels (Cₘₐₓ = 6.9) compared to an oil-based preparation (Cₘₐₓ = 2.2). Cₘₐₓ of VESIsorb® CoQ₁₀ also exceeded values for two solubilized formulations (Cₘₐₓ = 2.4 and 3.7).

*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease. The information contained herein is for informational purposes only and does not establish a doctor-patient relationship. Please be sure to consult your physician before taking this or any other product. Consult your physician for any health problems.
Uses for Ubiquinol VESIsorb®

General Support: Ubiquinol makes up over 90% of the CoQ₁₀ found in the plasma of healthy young individuals, typically up to the age of about 40-45 years. This makes ubiquinol especially important for older individuals, individuals who may be experiencing greater levels of oxidative or physical stress, or individuals who appear not to respond to regular CoQ₁₀ supplementation (possibly due to poor conversion of CoQ₁₀ to ubiquinol in the body). Research suggests that it may be more readily absorbed than the ubiquinone form. The safety and bioavailability of ubiquinol were evaluated after single oral dose and 4-week multiple dose studies. Significant gastrointestinal absorption was observed and no clinically significant adverse effects were noted.*

Cardiovascular Support: In a preliminary case report involving an open clinical evaluation using ubiquinol, a U.S. cardiologist reports that plasma CoQ₁₀ levels doubled for one 52 year-old woman after supplementation with 300 mg ubiquinol in divided doses for one month. It was also noted that ubiquinol supported a healthy ratio of CoQ₁₀ to lipids. In a separate case, a 65 year-old male not responding to CoQ₁₀ supplementation experienced a 4-fold increase in plasma CoQ₁₀ after supplementation with the same dose of ubiquinol. In addition, ubiquinol supported healthy ejection fraction and mitral valve function while supporting overall physical activity and quality of life.*

What Is The Source?
CoQ₁₀ is produced by microbial (yeast) fermentation. There is no residual yeast in the final product.

Recommendations
Pure Encapsulations recommends 1-2 Caplique® Capsules daily, in divided doses, with meals.

Are There Any Potential Side Effects Or Precautions?
If pregnant or lactating, consult your physician before taking this product. Rarely, CoQ₁₀ may cause mild gastrointestinal upset, nausea, vomiting, diarrhea or constipation. Consult your physician for more information.

Are There Any Potential Drug Interactions?
CoQ₁₀ may be contra-indicated for individuals taking blood thinning medication. Consult your physician for more information.

Ubiquinol VESIsorb®

Each Caplique® Capsule contains 100 mg ubiquinol® (Kaneka QH™ active antioxidant form of CoQ₁₀) and 10 iu vitamin E (as d-alpha tocopheryl acetate).

Other ingredients: medium chain triglycerides, polysorbate 80, polyglycerol fatty acid esters, gelatin Caplique® Capsule (gelatin, glycerin, water, titanium dioxide)

1-2 Caplique® Capsules daily, in divided doses, with meals.

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