

# glow Q10



GENETISKIN

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## Clinical Applications

- Support Healthy Plasma/Tissue CoQ10 levels reduced by Aging, Clinical Conditions associated with low plasma CoQ10 levels, Low Energy Syndromes, Genetic Disorders and Drugs that interfere with CoQ10 and or Energy Production
- Support for Cardiovascular Conditions e.g.: Hypertension, Heart Failure, Angina Pectoris, Arrhythmia, Acute Reperfusion Injuries and Acute Myocardial Infarction
- Support for Neuromuscular Disorders and Age Related CNS Degeneration Conditions
- Supports a Healthy Immune System
- Support for Healthy Gums

*Glow Q10 is an all-natural, proprietary, patent-pending, crystal-free, solvent-free, lipid-stabilized CoQ10 shown in recent clinical trials to be over eight times more absorbable than powdered forms of CoQ10 and more than twice as bioavailable as other oil-based or so-called "Nano"-dispersed formulas. Glow Q10's proprietary monoglyceride carrier is a patent-pending formulation unmatched for optimal utilization in the support of cardiovascular, CNS, immune and energy-based health needs.*

**All Genetiskin Products Meet or Exceed cGMP Standards**

## Discussion

Coenzyme Q10 is a biologically active, natural vitamin-like substance belonging to a group of compounds called ubiquinones and structurally similar to vitamin K. It is present in animal protein and can be synthesized in the body; however a variety of factors may cause a CoQ10 deficiency.

From the 1970's to the mid-1990's pure crystalline (powdered) CoQ10 was the industry standard despite its poor absorption (0.6-1.0%). A variety of forms and delivery systems offering somewhat improved absorption (2.3-5%) have entered the market since 1995. However, the forms have been unstable and crystallized, a form the body cannot absorb.

Glow Q10 represents a new generation of CoQ10 supplements. Unlike any other in today's market place, it is crystal-free when examined by a light microscope. This patent-pending formulation contains three lipids to aid in dissolving CoQ10 crystals into single molecules, stabilize the formula to prevent re-crystallization and facilitate passive diffusion to enhance absorption.

A full double blind randomized clinical trial in 20 normal human volunteers with a relatively controlled diet was performed to determine the absorption and steady state bioavailability characteristics. Absorption involves several phases in the movement of CoQ10 through a portion of the digestive tract, into the lymphatics and finally into general circulation where it becomes bioavailable. Absorption is reflected by the time base changes in the amount of CoQ10 appearing in the blood plasma after the ingestion of a single known dose. Bioavailability refers to the amount of CoQ10 accumulated in the blood plasma over an extended time of taking a known constant daily dose.

Within the trial, a 36-hour absorption study showed that glow Q10 had a total absorption 783% greater than powdered CoQ10 (11.65% vs 1.32%). The bioavailability study involved measuring blood accumulation (mg) of CoQ10 over 28 days. The 28-day steady state bioavailability for glow Q10 was 8.86 mg compared to 1.64 mg for the dry powder standard. The relative bioavailability showed that glow Q10 was 541% more bioavailable than the standard product. The AUC (0-28 day) was 680 mg/day compared to 120 mg/day or 463% more bioavailable than the dry powder standard.

Glow Q10 is titanium dioxide-free making the softgel transparent and permitting verification of the crystal-free claim.

glow Q10



# Supplement Facts

Serving Size: 1 Softgel  
Servings Per Container: 120

	Amount Per Serving	%Daily Value
CoQ10 (ubiquinone)	50 mg	**

\*\* Daily Value not established.

**Other Ingredients:** Conjugated linoleic acid, flaxseed oil, gelatin, monoglyceride, glycerin and water.

## Dosing

Take one to two softgels daily, with meals, or as directed by your healthcare practitioner.

## References

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## Cautions

Consult with your healthcare practitioner before use. Keep out of reach of children.

\*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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