Q•Avail™

designs for health®
Science first.

High Bioavailability Coenzyme Q10 Softgel

A Smart and Efficient CoQ10 Supplement!

With prices of CoQ10 historically the most volatile in the supplement industry, it is essential that your CoQ10 supplement be designed with efficiency and cost effectiveness in mind. It is no longer practical to just use high doses to overcome low absorption rates. Q•Avail™ is designed and produced for higher absorption and CoQ10 stability to deliver superior clinical outcomes with more cost efficiency than other commonly used forms of CoQ10. Oral supplementation with CoQ10 is often desired to improve immune function, mitochondrial metabolism and energy production in the support of fatigue-related disorders, the enhancement of athletic performance, periodontal problems and the support of cardiomyopathy and neurodegenerative conditions such as Parkinson's. CoQ10 has also been demonstrated to be an effective antioxidant, reducing lipid peroxidation.

CoQ10 is a lipid soluble, high molecular weight, hydrophobic molecule. These molecular properties present problems with oral supplementation viability. CoQ10 has a tendency to crystallize in the stomach and is inherently difficult to absorb. As CoQ10 supplements are comparatively expensive, with costs remaining very volatile in the past few years, there is a great desire on the part of prescribing clinicians to determine the most economical form of CoQ10 which will deliver clinical efficacy. Many proprietary forms of CoQ10 commercially available claim some aspect of novelty and increased absorption, often at the expense of much higher pricing, but do they really deliver?

Q•Avail™ 60 mg softgels

Supplement Facts

Serving Size 1 softgel
Servings Per Container 60

Amount Per Serving		% Daily Value
Coenzyme Q10 (Japanese, Naturally Fermented)	60 mg	*
Proprietary Blend	768 mg	
CLA [standardized to contain 80% CLA]		*
Organic Flaxseed Oil [standardized to contain 55% [Alpha Linolenic Acid]]		*
Monoglyceride		*

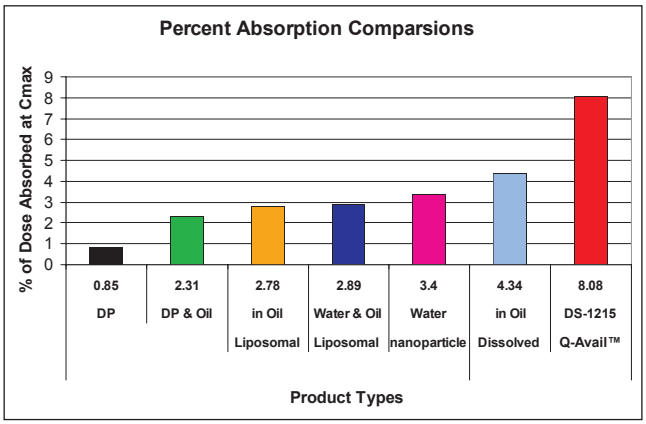
*Daily Value not established.

Other Ingredients: Gelatin, glycerin, water, turmeric (color).

Research proves Q•Avail™ is Unmatched in Bioavailability and Absorption

According to these studies, our brand new, patent-pending, break-through improved Q•Avail™ is superior to other CoQ10 formulations that were put to the test. Unique features of Q•Avail™ include:

- Crystal-free with no solvents used
- Lipid stabilized to prevent re-crystallization
- Fully lipid solubilized to improve stability and absorption
- A patent-pending formulation utilizing 3 lipids to: aid in dissolving CoQ10, prevent any re-crystallization of CoQ10, and enhance the absorption
- All natural - no chemical additives
- Full clinical study completed (20 human subjects encompassing peak absorption and steady state)

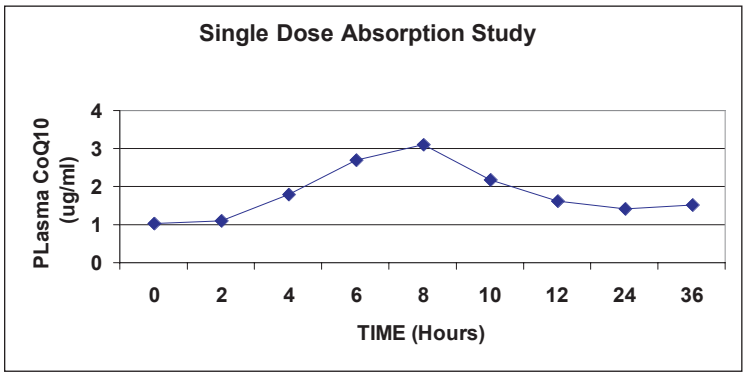


Southwestern Biomedical Research, pre-publication.

Clinical Trial Results

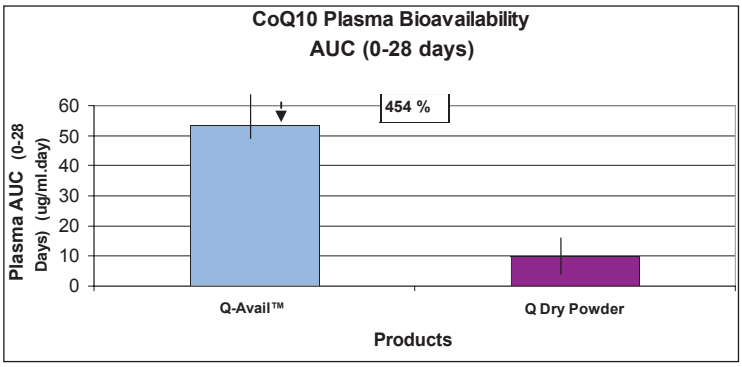
Results show peak absorption of Q•Avail™ is over eight times greater than dry powder and two times greater than its toughest competition when compared to dry powder, liposomal, nanoparticle, and partial dissolved in oil formulations. To prove the theoretical claims, Q•Avail™ underwent clinical trials utilizing a 36-hour peak absorption study to determine the total amount of CoQ10 absorbed and a 28-day steady state study to determine the amount of CoQ10 in the blood plasma available for use by the body cells.

The results of the 36-hour absorption study showed that Q•Avail™ had a total absorption of 11.65% compared to dry powder having an absorption of 1.32%, **which makes Q•Avail™ 783% more absorbable than dry powder.**



Southwestern Biomedical Research, pre-publication.

The results of the 28-day steady state study showed that at the end of 28 days there were 8989 ug/ml of Q•Avail™ available for use by the cells, compared to 1623 ug/ml of dry powder CoQ10. **This makes Q•Avail™ 454% more bioavailable than dry powder CoQ10 products.**



Southwestern Biomedical Research, pre-publication.

To better understand the significance of the results of these studies, one first must understand the differences between absorption and bioavailability.

ABSORPTION is the movement of CoQ10 into the bloodstream. It involves several phases: ingestion by mouth, dissolution (the breakdown of single CoQ10 crystals into single molecules) in the stomach and small intestine into the absorption cells which deliver CoQ10 into the lymphatics, and then into the general circulation of the blood where CoQ10 becomes bioavailable. Without absorption in the small intestine, CoQ10 is flushed out of the body and is not available; without absorption, CoQ10 cannot be bioavailable.

BIOAVAILABILITY refers to the amount (or percent of dose) of CoQ10 that reaches the systemic blood circulation and is therefore available for use by the cells. Bioavailability is dependent upon absorption. In pharmacology, the absolute bioavailability of CoQ10 measures the availability of CoQ10 in the systemic circulation. This is determined by obtaining a blood plasma concentration over time, referred to as the AUC. Relative bioavailability compares the bioavailability of one product to another. In the clinical trials, the AUC for 28 days for Q•Avail™ was 53.31 compared to 9.85 for dry powder, which makes the relative bioavailability of Q•Avail™ 454% greater than that of dry powder CoQ10 products.

SPECIAL NOTE: Q•Avail 30mg and Q•Avail 60mg formulations represent the exact proprietary formula used in the study cited above. A portion of the flax oil was removed from Q•Avail 100mg in order to produce a reasonable size softgel capsule for ingestion. Therefore, if you are using the 100mg dose Q•Avail, it is recommended to take the product with a meal which contains some oil or fat for optimal utilization of the special delivery system.