

**FOR-REPRO STALLION &  
FOR-RECOVERY TECHNICAL SHEET**

**NOT ALL COQ10 IS CREATED EQUAL**

Products from the Foran Equine FOR-LIFE range are the **ONLY CoQ10 products available for horses that contain pure Ubiquinol CoQ10, formulated to ensure consistent top quality, as nature intended.**

**COQ10 IN THE BODY (ENDOGENOUS FORM):**

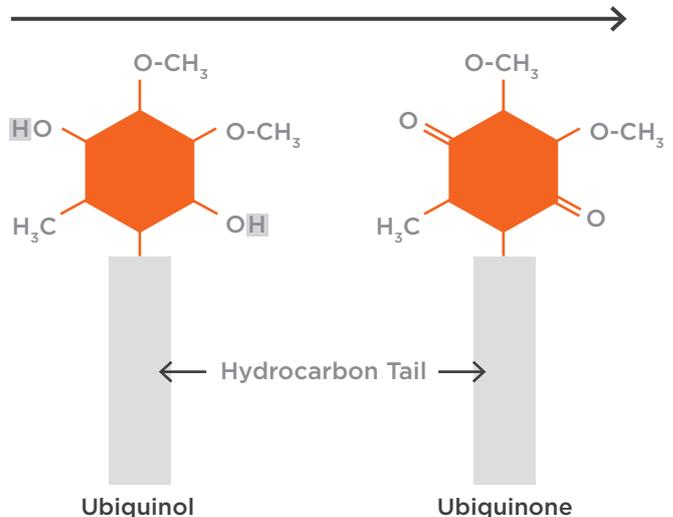
CoQ10 is present in all cells, providing a vital antioxidant function and is essential to the cellular aerobic energy production process. It is the only endogenously synthesised lipid-soluble antioxidant, meaning that it can get where many other antioxidants can't, such as the phospholipids found in cell membranes. It is found in particularly high concentrations in cells, tissues and organs with high energy requirements, such as the muscles, heart, lungs and sperm.

CoQ10 is present in the body as two forms - ubiquinol and ubiquinone. Ubiquinol CoQ10 is the biologically active antioxidant form and represents 95% of all the CoQ10 found in the circulation.

Production of CoQ10 within the body (endogenous production) is a relatively slow process and diminishes with age.

It is often not sufficient to replenish stores in horses that are at risk of high levels of oxidative stress, such as performance and breeding horses, so these animals **MUST** have a source in their diet to maintain normal body function

**2H+ AND 2E- RELEASED, WHICH ARE USED TO STABILISE FREE RADICALS**



**THE COQ10 MARKET:**

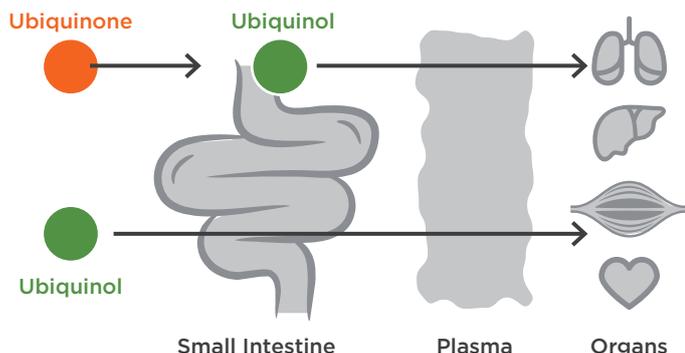
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Ubiquinol does not require conversion in the small intestine, allowing direct availability to cells.



When the benefits of CoQ10 were well established, the market was flooded with products. A consumer labs report that randomly tested a variety of CoQ10 products for ubiquinone content compared to what was stated on the product label found that amounts varied from no detectable CoQ10 up to a 75% excess, some with many unidentified contaminants.<sup>1</sup> Ubiquinol CoQ10 can only be found in a pure unadulterated form in Foran Equine Products.

## COQ10 PRODUCTS AVAILABLE SPECIFICALLY FOR HORSES:

### UBIQUINONE

Many ubiquinone products are sold as 'easy absorb' and have been chemically altered or added to in some way to improve the very poor absorption rate of crude ubiquinone (as low as 1%).

### UBIQUINOL

The only bioidentical version of pure Ubiquinol CoQ10 available for horses is from Foran Equine, thanks to patent protection. No chemical alterations or additions that can affect efficiency or safety - it's the same molecule that the horse produces itself.

## UBIQUINOL COQ10 AS AN EXOGENOUS SOURCE OF COQ10

FOR-REPRO Stallion and FOR-RECOVERY provides horses with the most bioavailable source of CoQ10, an essential feed element for normal body function.

### BIOIDENTICAL

The Ubiquinol CoQ10 found in Foran Equine FOR-LIFE products is bioidentical. This means that although the Ubiquinol CoQ10 molecule used in the end product is not produced by a horse (in fact, it's produced by yeast), it is identical to the molecule that a horse produces itself. **Using products from the Foran Equine FOR-LIFE range is the most natural way to feed horses CoQ10 without putting to pasture.**

### PROTECTED DELIVERY

The encapsulated Ubiquinol CoQ10 used in Foran Equine FOR-LIFE products is protected through the GI tract until it reaches the small intestine, for optimal absorption.

### GUARANTEED QUALITY

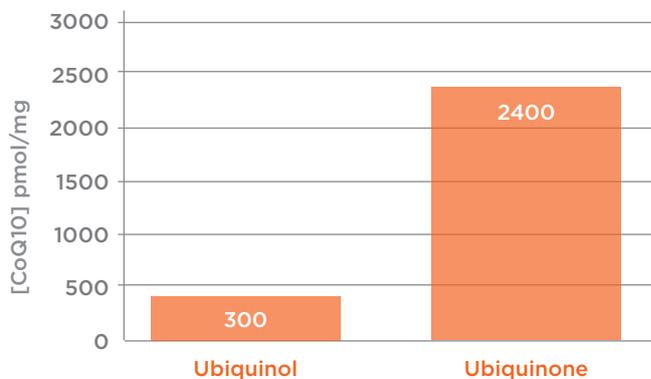
The single source, patent protected raw Ubiquinol CoQ10 used by Foran Equine, coupled with stringent product quality procedures and testing, ensures that customers can be guaranteed consistent high quality, suitable for achieving precision nutrition for their horses.

### OPTIMAL ABSORPTION

As Ubiquinol CoQ10 is absorbed unchanged, there is no conversion inefficiency. Ubiquinol CoQ10 also experiences more efficient micellarisation during small intestinal digestion, enhanced uptake and enhanced trans-epithelial transport, compared to ubiquinone.

**Studies have shown that up to 8 times more Ubiquinol CoQ10 than ubiquinone is absorbed from the same dose.<sup>2</sup>**

### DOSE REQUIRED TO ACHIEVE 7.2 mcg/ml OF COQ10 IN THE PLASMA



1. CoQ10 and Ubiquinol Supplements Review, Consumer labs report, 2004  
2. P Langsjoen & A Langsjoen, 2015

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