



**K09**

**THYRO-CNV™**

Supports Peripheral Thyroid Hormone Metabolism

**USE OF PRODUCT**

A broad-spectrum nutritional formula to support healthy peripheral thyroid metabolism and glutathione synthesis.

**KEY INGREDIENTS  
RESEARCH COMMENTARY**

The research information presented here should not be construed as claims regarding performance of this product.

**COMMIPHORA MUKU (GUGGULU)** The guggulsterones compounds in this herb have been shown to stimulate the healthy synthesis of T3 hormones.<sup>1</sup> They also appear to have the ability to balance LDL cholesterol and decrease lipid peroxidation.<sup>2</sup> Commiphora's ability to support T3 production, its ability to balance cholesterol, and its antioxidative effects make it a very useful herb to consider to balance T3 patterns.

**SELENIUM** is the major cofactor for the enzyme 5'deiodinase which is responsible for converting T4 into T3 as well as degrading rT3. Studies have confirmed lower production T3 in individuals with lower selenium status.<sup>3 4 5</sup> Numerous studies have demonstrated increased T3 synthesis as well as decreased reverse T3 production with selenium.<sup>6 7 8 9 10</sup>

**ZINC** - It has been shown that low zinc status compromises T3 production.<sup>11</sup> Studies have also demonstrated that zinc supplementation improves thyroid hormone production.<sup>12 13 14 15</sup> These effects may be due to the cofactor role zinc plays with type I 5'deiodinase. In addition, zinc may play a role in reducing thyroidal antibodies.<sup>16</sup>

**ANTIPEROXIDATIVE COMPOUNDS** - Lipid peroxidation and antioxidant enzyme systems have been shown to play a profound role on its impact on peripheral thyroid hormone conversion. Numerous studies have demonstrated that peroxidation and oxidative stress significantly alters thyroid metabolism.<sup>17 18 19 20 21 22</sup> This formula contains compounds that help support peroxidation directly and indirectly via glutathione synthesis.<sup>23 24</sup>

**OTHER PRODUCTS TO CONSIDER**

Other products can be used in conjunction with Thyro-CNV™ to support thyroid function. Thyroxal™ (K12) is a broad spectrum glandular, herbal, and nutritional supplement that helps to support thyroid metabolism. Super EFA Complex™ (K08) supplies the thyroid with the essential fatty acids required for thyroid metabolism. Progestaid™ (K04) helps support progesterone metabolism in females, which is critical for support of thyroid peroxidase activity.

**REFERENCE INFO**

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**Supplement Facts**

Serving size 1 capsule  
Servings per container 90

Amount Per Serving	% Daily Value
Vitamin C (as ascorbic acid)	200 mg 333%
Riboflavin	50 mg 2940%
Zinc (as zinc glycinate)	5 mg 33%
Selenium (as l-selenomethionine)	50 mcg 71%
Copper (as copper chelate)	200 mcg 10%
L-Glutathione	50 mg
Glycine	100 mg
L-Glutamic Acid	100 mg
N-Acetyl L-Cysteine	50 mg
RNA	25 mg
Rubidium (as rubidium chelate)	5 mcg
<b>Proprietary Blend:</b>	<b>98 mg</b>
Guggul Gum extract	
Betaine HCL	
Cellulase (plant enzyme)	
Peptidase (plant enzyme)	

\*Daily value not established.  
Other ingredients: gelatin (capsule), malto-dextrin, silica.

**DIRECTIONS**

Take 1-2 capsules, 3 times a day or as directed by your healthcare practitioner.

Statements in this flyer have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

**Formula  
Info Page**

