

EstroQuench™
Hormone Specific Formulation™

DESCRIPTION

EstroQuench™ is a *Hormone Specific Formulation™* of ingredients that support the normal function of the bodies endogenous aromatase inhibitors. This formulation is designed to quench excessive production of estrogens while supporting optimal function of androgens by maintaining the health of androgen-producing glands.‡

Hormone Specific Formulation™, provided by Douglas Laboratories® and formulated by Dr. Joseph J. Collins, was created to support the optimal function of specific hormones through the use of hormone-specific adaptogens and functional modulators of hormone actions. This formulation may be used as part of a hormone health program with dietary and nutrient support. It may also be used by clinicians as an adjuvant to support optimal hormone health in patients who have been prescribed bioidentical hormone therapies.

INDICATIONS

- Supports healthy estrogen production and function. ‡

FUNCTIONS AND MECHANISMS OF ACTION

Aromatase (a cytochrome P450 enzyme {CYP19}) is the enzyme that controls the conversion of androgens to estrogens. More specifically, aromatase is the enzyme responsible for catalyzing the biosynthesis of androstenedione into estrone, and the biosynthesis of testosterone to estradiol.

Estrogens include the broad range of aromatized hormones created from androgens. The specific attribute of estrogens that separate them from progestogens, androgens and corticoids is that estrogens are the only aromatized steroid hormones. Estradiol, the most potent endogenous estrogen, is biosynthesized by aromatization from androgens by aromatase. Both males and females produce endogenous estrogen from testosterone via the enzyme aromatase. In aromatase inhibition, there is less conversion of testosterone and other androgens into estrogens. The result is lower estrogen levels and higher androgen levels. Flavonoids have the potential to modulate aromatase, as indicated by preclinical studies, and support the normal function of endogenous aromatase inhibitors. ‡

The primary function of EstroQuench™ is to support healthy estrogen metabolism; maintain adequate levels of the androgen metabolites, which regulate aromatase; and support the function of testosterone-producing glands. ‡

Bioperine® is a patented extract of piperine (black pepper fruit) that has been clinically tested in the United States and found to significantly enhance the bioavailability of various supplement nutrients and herbal extracts by moderating P-glycoprotein (P-gp) and CYP34A. ‡

FORMULA (#202060)

Serving Size..... 2 Vegetarian Capsules4 Vegetarian Capsules

Proprietary Blend 1,150 mg..... 2,300 mg

Maca 4:1 root Extract (*Lepidium meyenii*), Damiana 4:1 leaf Extract (*Turnera diffusa*), Hesperidin (*Citrus sinensis*), Agaricus mushroom 8:1 mycelia Extract (*Agaricus bisporus*), *Brassaiopsis glomerulata* 10:1 leaf Extract, *Eurycoma longifolia* 100:1 root Extract, Mangosteen fruit Extract (*Garcinia mangostana*), Pomegranate Hull Extract (*Punica granatum L.* standardized to 70% Ellagic Acid), Naringenin (*Citrus grandis L.*, fruit), Chrysin

Bioperine® 2.5 mg..... 5 mg
 (black pepper fruit extract/*Piper nigrum*)

Other ingredients: Hydroxypropyl methylcellulose (capsule), cellulose, vegetable stearate, and silica.

Non-GMO, Gluten-free

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SUGGESTED USE

As a dietary supplement, adults may take 2 capsules daily with food for 1 to 2 weeks or as directed by your healthcare professional. The dose may then be increased to 4 capsules daily with food for 2 to 4 months or as directed by your healthcare professional. After 2 to 4 months, dosage may be lowered back down to 2 capsules daily with food and may continue as needed, or as directed by your healthcare professional.

WARNING: Consult your healthcare professional before use if you are pregnant, nursing or taking prescription medications.

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

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For more information on EstroQuench™, visit douglaslabs.com

‡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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