

HORMONE BALANCE

Comprehensive Nutritional Support for Healthy Estrogen Balance*

SPICED CHAI



Dynamic Hormone Balance is a comprehensive blend of evidence-based ingredients that support healthy estrogen balance and endocrine function.* This naturally flavored formula provides key herbal extracts, bioactive micronutrients, lignans, isoflavones, and antioxidants shown in clinical settings to help balance healthy estrogen levels.*

Proper estrogen balance is key for supporting healthy mood, well-being, energy levels, and a multitude of other functions in the body. When estrogen is too low or too high, a variety of health issues can manifest.

Research suggests that the nutrients found in Dynamic Hormone Balance:

- Support healthy estrogen balance*
- Support healthy endocrine function*
- Support mood and well-being*
- Help vou meet daily micronutrient requirements
- Include kudzu extract, DIM, red clover extract, resveratrol, and 1.5 g calcium D-glucarate per serving
- Comes in two delicious flavors: spiced chai and caramel macchiato

How the Ingredients in Dynamic Hormone Balance Work

Dynamic Hormone Balance features a carefully crafted spectrum of essential micronutrients, antioxidants, amino acids, prebiotic fiber, and bioactive protein for supporting gastrointestinal integrity and function.*

Foundation ingredients in Dynamic Hormone Balance include diindolylmethane (DIM), calcium D-glucarate, flax lignans, resveratrol, and isoflavones (from kudzu extract and red clover extract), which research has shown act on specific enzymes in the body that mediate a healthy estrogen response.*1,2

Specifically, DIM has been shown to act on certain enzymes that support estrogen balance in the body. *2.3

Similarly, flax lignans and isoflavones appear to act on enzymes favoring metabolism of estrogens to inactive metabolites.*4
Calcium D-glucarate complements the Dynamic Hormone Balance foundation ingredients by promoting a healthy balance of estradiol and estrogen precursors.*5

Dynamic Hormone Balance is rounded out with a precise blend of endocrine-supporting antioxidant compounds, such as resveratrol, EGCG (from green tea), curcumin, and grape seed extract.* These ingredients appear to support estrogen balance in the body, acting as phytoestrogens that interact with estrogen receptors.*6,7,8 These select antioxidants are also well-known for supporting human health and longevity, particularly by encouraging healthy cardiovascular and immune function.*9,10,11

Why Use Dynamic Hormone Balance?

Dynamic Hormone Balance is an ideal nutritional supplement for individuals looking to support their estrogen balance and endocrine function. This formula is rich in plant-based nutrients and micronutrients that have been thoroughly researched and demonstrated to be effective in clinical settings for a variety of health issues, particularly estrogen imbalance.



Supplement Facts

Serving Size: About 1 Scoop Servings Per Container: About 14

Ingredients:	Amount	% DV *	Ingredients:	Amount	% DV *
Calories	115		Potassium (as dipotassium phosphate,	413 mg	9%
Total Fat	3 g	4%*	from pea protein and cocoa powder)	, and the second se	
Saturated Fat	0.5 g	2%*	Flax Seed Extract	2 g	**
Total Carbohydrate	7 g	3%*	Calcium-D-Glucarate	1.5 g	**
Dietary Fiber	3 g	12%*	Turmeric Extract [root; Curcuma longa	200 mg	**
Protein	16 g		(standardized to 95% curcuminoids)]		
Vitamin A (as retinyl palmitate)	375 mcg RAE	42%	EGCG [epigallocatechin-3-p-gallate (from	125 mg	**
Vitamin C (ascorbic acid)	60 mg	67%	green tea leaf extract; Camellia sinensis)]		
Vitamin D (as cholecalciferol)	10 mcg	50%	Resveratrol (from Japanese knotweed root)	125 mg	**
Vitamin E (as d-alpha tocopheryl acetate	e) 134 mg	893%	Polygonum cuspidatum)		
Riboflavin	0.85 mg	65%	Grape Seed Extract (Vitis vinifera)	100 mg	**
Niacin (as niacinamide)	10 mg NE	63%	DIM (diindolylmethane)	100 mg	**
Vitamin B6 (as pyridoxine HCl)	25 mg	1,471%	Kudzu Extract [root; Pueraria lobata	62.5 mg	**
Folate (BioFolate®)	400 mcg DFE	100%	(standardized to 40% isoflavones)]		
(as calcium L-5-methyltetrahydrofolate)		Red Clover Extract	25 mg	**
Vitamin B12 (as methylcobalamin)	10 mcg	417%	[flower; <i>Trifolium pratense</i> (standardized		
Biotin	150 mcg	500%	to 8% isoflavones)]		
Pantothenic Acid	5 mg	100%			
(as calcium-d-pantothenate)					
Choline (as choline bitartrate)	50 mg	9%			
Calcium (as calcium citrate and from	530 mg	41%			
calcium-d-glucarate)			Other Ingredients: Pea Protein Iso		
Iron (as ferrous fumarate, from	8.5 mg	47%	Protein Concentrate, Natural Flavors, Stevia Leaf Extract, Cocoa Bean Powder Processed With Alkali,		
pea protein and cocoa powder)			Guar Gum, Silicon Dioxide.	essea with A	ıkaıı,
Phosphorus (as dipotassium phosphate)	115 mg	9%			
lodine (as potassium iodide)	75 mcg	50%	BioFolate® is a federally registered trademark of MTC Industries, Inc.		
Magnesium (as magnesium citrate)	200 mg	48%	Directions: Mix 1 scoop in 8-10 ounces of water as a dietary supplement once or twice daily as directed by your healthcare practitioner. Caution: If you are pregnant, nursing, taking medication, or have a history of breast cancer, consult your healthcare practitioner before use. Keep out of reach of children.		
Zinc (as zinc gluconate)	7.5 mg	68%			
Copper (as copper gluconate)	1 mg	111%			
Manganese (as manganese sulfate)	1 mg	43%			
Chromium (as chromium picolinate)	100 mcg	286%			
Sodium (from pea protein)	170 mg	7%			

References:

- 1. Michnovicz, J. J., Adlercreutz, H., & Bradlow, H. L. (1997). Changes in levels of urinary estrogen metabolites after oral indole-3-carbinol treatment in humans. Journal of the National Cancer Institute, 89(10), 718-723.
- 2. Chen, I., McDougal, A., Wang, F., & Safe, S. (1998). Aryl hydrocarbon receptor-mediated antiestrogenic and antitumorigenic activity of diindolylmethane. Carcinogenesis, 19(9), 1631-1639.
- 3. Leong, H., Riby, J. E., Firestone, G. L., & Bjeldanes, L. F. (2004). Potent ligand-independent estrogen receptor activation by 3, 3'-diindolylmethane is mediated by cross talk between the protein kinase A and mitogen-activated protein kinase signaling pathways. Molecular Endocrinology, 18(2), 291-302.
- 4. Vitale, D. C., Piazza, C., Melilli, B., Drago, F., & Salomone, S. (2013). Isoflavones: estrogenic activity, biological effect and bioavailability. European journal of drug metabolism and pharmacokinetics, 38(1), 15-25. 5. Lampe, J. W., Li, S. S., Potter, J. D., & King, I. B. (2002). Serum β-glucuronidase activity is inversely associated with plant-food intakes in humans. The Journal of nutrition, 132(6), 1341-1344.
- 6. Gehm, B. D., McAndrews, J. M., Chien, P. Y., & Jameson, J. L. (1997). Resveratrol, a polyphenolic compound found in grapes and wine, is an agonist for the estrogen receptor. Proceedings of the National Academy of Sciences, 94(25), 14138-14143.
- 7. Goodin, M. G., Fertuck, K. C., Zacharewski, T. R., & Rosengren, R. J. (2002). Estrogen receptor-mediated actions of polyphenolic catechins in vivo and in vitro. Toxicological Sciences, 69(2), 354-
- 8. Breithofer, A., Graumann, K., Scicchitano, M. S., Karathanasis, S. K., Butt, T. R., & Jungbauer, A. (1998). Regulation of human estrogen receptor by phytoestrogens in yeast and human cells. The Journal of steroid biochemistry and molecular biology, 67(5-6), 421-429.
- 9. Nagao, T., Hase, T., & Tokimitsu, I. (2007). A green tea extract high in catechins reduces body fat and cardiovascular risks in humans. Obesity, 15(6), 1473-1483.
- 10. Bradamante, S., Barenghi, L., & Villa, A. (2004). Cardiovascular protective effects of resveratrol. Cardiovascular drug reviews, 22(3), 169-188.
- 11. Aggarwal, B. B., & Harikumar, K. B. (2009). Potential therapeutic effects of curcumin, the anti-inflammatory agent, against neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic diseases. The international journal of biochemistry & cell biology, 41(1), 40-59.



 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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