

EndoAxis

Formula 14

ADRENAL DESICCATED

Bovine adrenal glandular for adrenal health benefits.

AT A GLANCE

The adrenal glands play a crucial role in the endocrine system, secreting hormones that regulate stress response, metabolism, and immune function. With chronic stress, it is often not that the adrenal glands stops producing cortisol, but that a resistance to stress signals (cytokines, interleukins, blood sugar and cortisol), occurs at the hypothalamic level, reducing CRH output, which will reduce ACTH signaling and subsequently diminish adrenal cortisol production[1].

When cortisol production has diminished in response to hypothalamic resistance, individuals can begin to feel fatigued, their immune system can become impaired, sleep can be altered and blood sugars can be hard to regulate[2].

Meet Optimize

Products blended to support alignment to our HPA axis. Optimizing our circadian activity and adrenal balance.



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KEY BENEFITS



Replenishes adrenal function



Promotes energy and vitality



Balances a stressed HPA axis

FORMULA ANALYSIS

Bovine Desiccated Adrenal

Our bovine adrenal glandular extract is cold processed to ensure activity of the constituents is maintained and is sourced from countries recognized as BSE-free (bovine spongiform encephalopathy-free). Glandular products provide small amounts of adrenal vitamins and minerals in tandem with the organotherapeutics of adrenal tissue[3]. These compounds can provide enzymatic response that is vital for regulating various physiological processes in the human body [4]. Studies suggest that supplementation with high-quality adrenal extracts may help regulate cortisol levels and improve stress response in individuals with adrenal dysregulation. A glandular extract may also help improve immune health and mitigate the effects of chronic stress.

REFERENCES

1. Herman JP, McKlveen JM, Ghosal S, Kopp B, Wulsin A, Makinson R, Scheimann J, Myers B. Regulation of the Hypothalamic-Pituitary- Adrenocortical Stress Response. *Compr Physiol*. 2016 Mar 15;6(2):603-21.
2. McEwen BS. Neurobiological and Systemic Effects of Chronic Stress. *Chronic Stress (Thousand Oaks)*. 2017 Jan-Dec;2 1:2470547017692328.
3. Price, W. A. 1939. Nutrition and physical degeneration; a comparison of primitive and modern diets and their effects, New York, London,, P.B. Hoeber.
4. Dever JT, Kemp MQ, Thompson AL, Keller HG, Waksmonski JC, Scholl CD, Barnes DM. Survival and Diversity of Human Homologous Dietary MicroRNAs in Conventionally Cooked Top Sirloin and Dried Bovine Tissue Extracts. *PLoS One*. 2015 Sep 22;10(9):e0138275.

SUPPLEMENT FACTS

Serving Size 1 Capsule
Servings Per Container 120

Amount Per Serving	% Daily Value
Adrenal Cortex Concentrate (Desiccated suprarenal cortex) (Porcine)	50 mg †

† Daily Value not established

Other ingredients: Gelatin capsule, and microcrystalline cellulose.

SUGGESTED USE

Take 1 capsule 1-2 times per day with a meal or as directed by your healthcare practitioner.

CAUTION: Do not use if pregnant or nursing. Consult your physician before use if you have a medical condition, or taking any medication. Do not use product if the safety seal is broken or damaged. Keep out of reach of children.

MADE WITHOUT

Wheat, gluten, corn, yeast, animal or dairy products, fish, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or preservatives.

*These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.