



## Formula 14

### ADRENAL DESICCATED

Porcine 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 stop 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

### Porcine Desiccated Adrenal

Our adrenal glandular materials are sourced from Argentina, a country classified by the World Organisation for Animal Health (WOAH) as free from bovine spongiform encephalopathy (BSE). Although oral transmission has not been found from cows to pigs, there have been inoculations revealing potential cross-over, which further supports the need to be strict on standards for sourcing porcine products. Even if it is not a direct contaminant, if there is a potential risk, we ensure our product is sourced from a country free from BSE. Our rigorous sourcing protocols comply fully with international safety and traceability standards.

**†** *This product is derived from porcine adrenal tissue and is processed to be free of hormones. It supplies naturally occurring nutrients, including amino acids, vitamins, and minerals found within healthy adrenal tissue to complement optimal adrenal function.*

## 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

Corn, soy, or wheat.

## 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.

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