## Adrenal Glandular Plus

## Advanced Stress & Energy Support\*



NutritionalFrontiers.com (412) 922-2566



## **Adrenal Glandular Plus**

Available in 60 Count Vegetarian Capsules

## Adrenal Glandular Plus by Nutritional Frontiers

Advanced Stress & Energy Support

The adrenal glands are 2 small, pyramidal shaped glands atop the kidneys. They perform numerous important functions for the body, and consist of two main parts, the medulla and the cortex. The adrenal medulla responds to acute stress and produces epinephrine and norepinephrine. The adrenal cortex responds to physical/emotional stress and infection. The pituitary hormone ACTH (adrenocorticotropic hormone) is released as a result of stress and it governs adrenal cortex function. The cortex produces cortisol, aldosterone, and the androgens testosterone, DHEA, and androstenedione. Adrenal Glandular Plus by Nutritional Frontiers aims to support adrenal gland function by providing key nutrients used by the adrenal glands, along with glandular therapy.\* Glandular-derived medicines were commonly used in Western medicine before synthetic pharmaceuticals became widely available.

**Glandular Tissue:** Glandular tissue, when applied to support a specific organ, can provide a balance for multiple factors, including nucleic acids and organ-specific enzymes, which help promote the growth and maintenance of organs and glands. Adrenal Glandular Plus provides bovine adrenal tissue from New Zealand.

**Purity Of Source For Glandular**: The New Zealand glandular source meets the United Nation's Food and Agricultural Organization standards of organic. To meet these standards beef must be fed no bone meal and 100% organic feed. New Zealand beef livestock are fed on pesticide free pastures and can never be given hormones or antibiotics. To keep its livestock pure, New Zealand has never allowed any importation of livestock or use of meat and bone meal feed for decades. These products are Mad Cow disease free and, when imported, come with a BSE free certification from the New Zealand Minister of Agriculture. The animals used in these supplements are treated humanely and are range fed, making them the best and safest glandular on the market today.

**Riboflavin (Vitamin B2):** is a water-soluble B vitamin. It is an integral component of coenzymes (molecules that bind to enzymes) that feature in redox reactions in the body. Oxidation-reduction reactions, or "redox reactions," are essential for breaking down carbohydrates, lipids, and proteins. Coenzymes also participate in energy production via the electron transport chain, and in the metabolism of drugs and toxins. Riboflavin also helps recycle glutathione, which protects us from free radical damage. Vitamin B2 supports the body in utilizing iron, vitamin B6, vitamin B12, folate, and vitamin B3.

Chronic stress can lead to adrenal fatigue, a condition in which the adrenal glands cease to function properly. B vitamins play an important role in managing stress.

Vitamin B6 (Pyridoxal 5-Phosphate): is a water-soluble B vitamin that must be obtained from diet as humans do not naturally synthesize it in our bodies. Pyridoxal 5'-phosphate is the bioactive coenzyme form of B6 that is involved in over 4% of all enzymatic reactions in the human body! Vitamin B6 is essential to many enzymes involved in protein metabolism. It may help reduce homocysteine levels and is involved in fatty acid metabolism as well as the production of hemoglobin and amino acids. Taken in conjunction with adrenal glandular will provide an immediate boost of energy levels.

**Pantothenic Acid (Vitamin B5):** as d-Calcium pantothenate is also known as vitamin B-5. One of its major functions in the body is to produce coenzyme A (CoA) which is essential to many of the biochemical reactions that sustain life! According to several animal studies, pantothenic acid affects the structure and function of the adrenal glands. Vitamin B5 is found in large amount in the adrenal glands and makes them more responsive to signals from the brain. Deficiency of vitamin B5 results in reduced adrenocortical function, and giving supplemental B5 results in enhanced steroid hormone output, according to research.

**PABA (para-aminobenzoic acid):** Adrenal fatigue is often related to low cortisol levels and subsequently low energy levels. PAPA causes your body to block the breakdown of cortisol allowing the cortisol your body does make to last longer and relieve symptoms of low energy.

Serving Size: 1 Capsule   Servings Per Container: 60	
Riboflavin (Vitamin B2)	10 mg
Vitamin B6 (Pyridoxal 5's-Phosphate)	25 mg
Pantothenic Acid (d-Calcium Pantothenate)	50 mg
Adrenal Tissue (Bovine, New Zealand Freeze Dried)	100 mg
PABA (Para-Aminobenzoic Acid)	25 mg

**Ingredients:** Rice Flour Powder, Magnesium Stearate (Vegetable), Syloid, Vegetarian Capsule (Hypromellose & Water)

**Suggested Use:** As a dietary supplement, take 1 capsule daily, or as directed by your healthcare practitioner.

**Warnings:** If pregnant or nursing, consult your healthcare practitioner before taking this product.

Color of this formula may vary due to color variations of the ingredients. Keep out of reach of children. Store in a cool, dry place.

\*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.



NutritionalFrontiers.com • (412) 922-2566

\*Sources for cited material are available upon request. Contact Nutritional Frontiers.

Copyright © 2023 by Nutritional Frontiers LLC. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior written permission of the copyright owner. Sold Exclusively Through Health Care Practitioners.

This document and statements made within this document have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.