



## Product Information

# Adrenal Chelate Plus

### DESCRIPTION

Adrenal Chelate Plus, is a blend of vitamins, minerals and adrenal bovine glandular concentrate designed to support adrenal health and function.

### INDICATIONS

- Support for healthy adrenal tissue and function.

### FUNCTIONS

As co-enzymes, the B vitamins are essential components in most major metabolic reactions. They play an important role in energy production, including the metabolism of lipids, carbohydrates, and proteins. B vitamins and minerals are also important for blood cells, hormones, and nervous system function. As water-soluble substances, B vitamins are not generally stored in the body in any appreciable amounts. Thiamin and riboflavin are all essential coenzymes in energy production. Thiamin is converted quickly into thiamin pyrophosphate, which is required for glycolytic and Krebs cycle reactions. Thiamin also appears to be related to nerve impulse transmission. Riboflavin is a component of the coenzymes FAD and FMN, which are intermediates in many redox reactions, including energy production and cellular respiration reactions. Vitamin B-6 is a coenzyme in amino acid metabolism. It is necessary for the metabolism of homocysteine and the conversion of tryptophan into niacin. Vitamin B-6 dependent enzymes are also needed for the biosynthesis of many neurotransmitters, including serotonin, epinephrine, and norepinephrine. Pantothenic acid is a component of coenzyme A and of phosphopantetheine, and is therefore essential for Krebs cycle operation. Vitamin A (retinol) is a fat-soluble vitamin essential for vision, growth, reproduction, cell division, and the integrity of the immune system. Zinc is an essential trace element involved in most major metabolic pathways. General signs of human zinc deficiency indicate that zinc has important functions in maintaining healthy skin, immune function, reproduction. The adrenal gland and spleen support stress management and the immune system.

### FORMULA (#7221)

2 capsules contain:

Vitamin A.....	500 mcg
Vitamin C.....	300 mg
Thiamine.....	3 mg
Riboflavin.....	1.5 mg
Pantothenic acid (Vitamin B-5).....	60 mg
Vitamin B-6.....	50 mg
Zinc (as zinc aspartate).....	15 mg
Adrenal (bovine whole gland concentrate*)	300 mg
Spleen (bovine whole gland concentrate).....	50 mg

Other Ingredients: Cellulose, gelatin (capsule) and vegetable stearate. \*Bovine glands are included as a desiccated and de-fatted freeze-dried powder from Argentina, and contain both the medulla and cortex. Non-GMO, Gluten-Free

### SUGGESTED USE

Adults take 2 capsules daily or as directed by healthcare professional.

### SIDE EFFECTS

No adverse side effects reported.

### STORAGE

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

### REFERENCES

- Depeint F, et al. *Chem Biol Interact.* 2006 Oct 27;163(1-2):94-112.  
Review. Wang YP, et al. *Physiol Res.* 2014;63(3):341-50. Keith ME, et al. *J Am Diet Assoc.* 2009 Aug;109(8):1406-10. doi: 10.1016/j.jada.2009.05.011. Das UN. *Nutrition.* 2015 Feb;31(2):283-291. doi: 10.1016/j.nut.2014.08.011. Miller AL. *Altern Med Rev.* 2003 Feb;8(1):7-19. Dhawan D, Singh Baweja M, Dani V. *Hell J Nucl Med.* 2007 Sep-Dec;10(3):167-71. Ulvik A, et al. *Am J Clin Nutr.* 2013 Oct;98(4):934-40. doi: 10.3945/ajcn.113.064998. Hashim A, et al. *Bioorg Med Chem Lett.* 2011 Nov 1;21(21):6430-2. doi: 10.1016/j.bmcl.2011.08.123. Schaeffer MC, et al. *J Nutr.* 1998 Oct;128(10):1829-35. Farhangi MA, et al. *J Am Coll Nutr.* 2013;32(4):280-5. doi:10.1080/07315724.2013.816616. Arguello MA, et al. *Asia Pac J Clin Nutr.* 2015;24(1):128-37. doi: 10.6133/apjcn.2015.24.1.12. Moltu SJ, et al. *J Pediatr Gastroenterol Nutr.* 2014 Mar;58(3):344-51. doi: 10.1097/MPG.0000000000000220 Inoue Y, et al. *J Biol Chem.* 2014 Aug 1;289(31):21451-62. doi: 10.1074/jbc.M114.560821. Hoeflich A, Bielohuby M. *J Mol Endocrinol.* 2009 Mar;42(3):191-203. doi: 10.1677/JME-08-0160. Review. Bronte V, Pittet MJ. *Immunity.* 2013 Nov 14;39(5):806-18. doi: 10.1016/j.immuni.2013.10.010. Review. Klaus-Helge Ibs and Lothar Rink. *J. Nutr.* 133: 1452S-1456S, 2003.

(Continued on reverse)

**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.**

**Medical Wellness Associates  
6402 Route 30  
Jeannette, PA 15644  
1-800-834-4325**

**[www.vitamincoach.com](http://www.vitamincoach.com)**

**Like us on Facebook!**

