

## L-Glutathione

Featuring Setria® Glutathione  
Immune and Detox Support\*

### L-Glutathione Supplementation

NutriDyn's L-Glutathione supports the body's natural defense system with patented Setria® glutathione to support healthy immune function, promote detoxification, and encourage healthy oxidative stress response.\*<sup>1,2</sup>

The body produces its own glutathione, but poor diet, stress, pollution, toxins, and aging may deplete its reserves. Supplementation can help support antioxidant activities by promoting healthy oxidative stress response.\*<sup>2,3,4</sup> Glutathione is considered the body's master antioxidant and is key to supporting a healthy immune system.\*<sup>1</sup>

Clinical evidence and research cited herein show that the ingredients in L-Glutathione may:

- Support healthy immune function\*
- Promote healthy detoxification\*
- Promote healthy oxidative stress response\*
- Promote healthy aging\*

### How L-Glutathione Works

L-Glutathione provides cellular protection from oxidative stress that may otherwise adversely affect the immune system and detoxification pathways.\*<sup>5,6</sup> It helps to regenerate additional antioxidants by binding to and stabilizing free radicals caused by poor lifestyle choices and environmental toxins.\*<sup>7,8,9</sup>

L-Glutathione further supports the body's detoxification pathways by promoting healthy function of the liver, kidneys, gastrointestinal tract, and intestines.\*<sup>5,10,11</sup> As the body's master antioxidant, glutathione supports healthy detoxification by encouraging the elimination of already absorbed toxins and neutralizing new toxins in the gastrointestinal tract before they can be absorbed.\*<sup>12,13</sup>

A healthy immune system requires the proper functioning of T cell lymphocytes and NK cellular activity.\*<sup>14,15</sup> Results of a long-term, randomized, double-blinded, placebo-controlled human clinical trial show that Setria® glutathione supports enhanced immune cell function and promotes increased blood levels of glutathione beginning at one month of supplementation.\*<sup>16</sup>



## How L-Glutathione Works Continued

Other clinical studies have shown that promoting healthy glutathione production supports healthy oxidative stress response, which in turn promotes healthy aging.<sup>♦17,18</sup> Additional studies show that the cellular regeneration activity spurred by increased glutathione levels has a positive effect on aging populations' physical and mental health.<sup>♦19</sup>

# Supplement Facts

Serving Size: 1 Capsule  
Servings Per Container: 60

	Amount Per Serving	%DV
L-Glutathione (reduced) (Setria®)	250 mg	*

**Other Ingredients:** Hypromellose, microcrystalline cellulose, vegetable magnesium stearate, silica.

Setria® is a registered trademark of Kyowa Hakko Bio Co., Ltd.

**Directions:** Take one capsule twice daily or as directed by your healthcare practitioner.

**Caution:** If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.

### References:

1. Perricone C, De Carolis C, & Perricone R. *Autoimmun Rev.* 2009;8(8):697-701.
2. Dröge W & Breitkreutz R. *Proceedings of the Nutrition Society.* 2000;59(4):595-600.
3. Balendiran GK, Dabur R, & Fraser D. *Cell Biochem Funct.* 2004;22(6):343-352.
4. Cai J et al. *Free Radic Biol Med.* 2003;34(7):928-936.
5. Pastore A et al. *Clin Chim Acta.* 2003;333(1):19-39.
6. Bast A & Haenen GR. *Biochim Biophys Acta.* 1988;963(3):558-61.
7. Park EY et al. *J Agric Food Chem.* 2014;62(26):6183-6189.
8. Schafer M & Werner S. *Pharmacol Res.* 2008;58(2):165-171.
9. Patrick L. *Altern Med Rev.* 2002;7(6):456-471.
10. Li J et al. *Toxicol Sci.* 2014;141(2):335-343.
11. Sugimura Y & Yamamoto K. *J Nutr Sci Vitaminol.* 1998;44(5):613-624.
12. Hunjan MK & Evered DF. *Biochim Biophys Acta Biomembr.* 1985;815(2):184-188.
13. Favilli F et al. *Biochim Biophys Acta Biomembr.* 1997;1330(2):274-283.
14. Sandstrom PA, Mannie MD, & Buttko TM. *J Leukoc Biol.* 1994;55(2):221-226.
15. Richie Jr, JP et al. *Eur J Nutr.* 2015;54(2):251-263.
16. Fraternali A et al. *Curr Med Chem.* 2006;13(15):1749-1755.
17. Sekhar RV et al. *Am J Clin Nutr.* 2011;94(3):847-853.
18. Ballatori N et al. *Biol Chem.* 2009;390(3):191-214.
19. Lang CA et al. *J Lab Clin Med.* 2002;140(6):413-417.

♦ 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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