

Detox Phase I & II

Detoxification Support♦

Detox Phase I & II is a comprehensive supplement to support the liver's detoxification process.♦

Advancements in the modern world have created numerous toxins, chemicals, and environmental pollutants that are potentially harmful to human health. These include substances like pesticides, air pollution, heavy metals, molds, xenobiotics, and various synthetic chemicals. Over time, exposure to these substances can be detrimental to health and longevity.^{1,2,3} Maintaining proper liver function by supporting detoxification and elimination of toxins, chemicals, and pollutants is critical for overall health.^{4,5}

How Detox Phase I & II Works

The body's natural detoxification process is largely dependent upon the liver, involves several enzymatic processes, and is divided into two phases.⁶ Phase I is the activation of enzymes to begin oxidizing, breaking down, and hydrolyzing waste products. Phase II enzymes perform conjugation reactions that move the broken down metabolites from phase I through the body for excretion. A build-up in the body of toxins, chemicals, and environmental pollutants can cause adverse reactions during the natural enzymatic processes and may result in oxidative stress on the liver.⁷

This is when nutritional supplements high in antioxidants, phytonutrients, and micronutrients such as NutriDyn's Detox Phase I & II are beneficial to use. By providing nutrients to support the body in its natural detoxification processes, the harmful toxins, chemicals, and environmental pollutants can then be eliminated from the body.♦

New and Improved Detox Phase I & II Formula

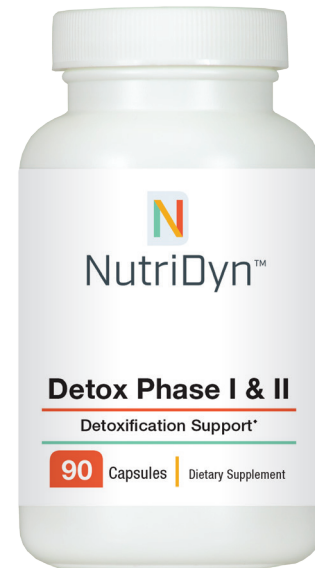
Increased dosage of calcium-D-glucarate (275 mg), N-acetyl-cysteine (100 mg), and milk thistle extract (100 mg).^{8,9,10} Based on modern clinical research, alpha-lipoic acid and diindolymethane have also been added to NutriDyn's Detox Phase I and II supplement.^{11,12}

These key antioxidants ensure adequate micronutrients, phytonutrients, and cofactors to support safe and effective detoxification.¹³ These improvements to the formulation provide maximum support for healthy liver detoxification.♦

Detox Phase I & II Supplementation

Clinical evidence and research cited herein shows that the ingredients in Detox Phase I & II may:

- Support healthy liver function♦
- Support the body's natural elimination process♦
- Support detoxification by providing essential micronutrients, phytonutrients, and cofactors♦



Form: 90 Capsules

Serving Size: 3 Capsules

Ingredients	Amount	%DV	Ingredients	Amount	%DV
Vitamin A (as retinyl palmitate and 4% from beta carotene)	505 mcg RAE	56%	Milk Thistle Extract (seed; <i>Silybum marianum</i>)	100 mg	**
Vitamin C (as magnesium ascorbate)	167 mg	186%	Alpha Lipoic Acid	100 mg	**
Vitamin E (as d-alpha tocopherol succinate)	69 mg	460%	N-Acetyl-L-Cysteine	100 mg	**
Thiamin (as thiamin HCl)	8.3 mg	692%	DIM (diindolymethane)	80 mg	**
Riboflavin	8.3 mg	638%	L-Methionine	66.7 mg	**
Niacin	10 mg NE	63%	L-Glutamic Acid HCl	66.7 mg	**
Vitamin B6 (as pyridoxine HCl)	10 mg	588%	Taurine	66.7 mg	**
Folate (Quatrefolic®) (200 mcg folic acid) (as (6S)-5-methyltetrahydrofolic acid, glucosamine salt)	333 mcg DFE 83%		L-Glutamine	66.7 mg	**
Vitamin B12 (as methylcobalamin)	0.4 mcg	17%	Choline Bitartrate	66.7 mg	**
Biotin	0.66 mcg	2%	Quercetin Dihydrate	66.7 mg	**
Pantothenic Acid (as calcium pantothenate)	33.3 mg	666%	Inositol	33.3 mg	**
Magnesium (as magnesium ascorbate, magnesium citrate, and magnesium malate)	61 mg	15%	L-Ornithine L-Aspartate	33.3 mg	**
Zinc (as zinc picolinate)	2 mg	18%	Broccoli Extract (0.4% sulforaphane (sprouts; <i>Brassica oleracea</i> L. var. <i>italica</i>))	16.7 mg	**
Selenium (as L-selenomethionine)	0.33 mcg	<1%	L-Serine	16.7 mg	**
Manganese (as manganese glycinate chelate)	495 mcg	22%	L-Histidine HCl	16.7 mg	**
Molybdenum (as molybdenum glycinate chelate)	51 mcg	113%	Carnitine (as L-carnitine tartrate)	16.7 mg	**
Calcium D-Glucarate	275 mg	**	Coenzyme Q10	8.3 mg	**
			Grape Seed Extract (95% polyphenols (seed; <i>Vitis vinifera</i>))	3.3 mg	**
			Superoxide Dismutase	33 mcg	**
			Catalase	15 mcg	**

Other Ingredients:

Gelatin (capsule), microcrystalline cellulose, and magnesium stearate (vegetable source).

Quatrefolic® is a registered trademark material of Gnosis SpA. Patent No. 7,947,662.

Directions:

Take three capsules daily as a dietary supplement, 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.



GLUTEN-FREE



DAIRY-FREE



NON-GMO



PRODUCED IN A cGMP FACILITY

* 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.

References:

1. Mulware, S. J. (2013). Trace elements and carcinogenicity: A subject in review. *Biotech*, 3(2), 85-96.
2. Mishra, K. P. (2009). Lead exposure and its impact on immune system: A review. *Toxicology in Vitro*, 23(6), 969-972.
3. Hendryx, M., Fedorko, E., & Halverson, J. (2010). Pollution sources and mortality rates across rural-urban areas in the United States. *The Journal of Rural Health*, 26(4), 383-391.
4. Colborn, T., vom Saal, F. S., & Soto, A. M. (1993). Developmental effects of endocrine-disrupting chemicals in wildlife and humans. *Environmental Health Perspectives*, 101(5), 378-384.
5. Singleton, D. W., & Khan, S. A. (2003). Xenoestrogen exposure and mechanisms of endocrine disruption. *Frontiers in Bioscience*, 8, 110-118.
6. Percival, M. (1997). Phytonutrients and detoxification. *Clinical Nutrition Insights*, 5(2).
7. Liska, D. J. (1998). The detoxification enzyme systems. *Alternative Medicine Review*, 3(3), 187-98.
8. Hanausek, M., Walaszek, Z., & Staga, T. J. (2003). Detoxifying cancer causing agents to prevent cancer. *Integrative Cancer Therapies*, 2(2), 139-144.
9. Van Zandwijk, N. (1995). N-Acetylcysteine (NAC) and glutathione (GSH): Antioxidant and chemopreventive properties, with special reference to lung cancer. *Journal of Cellular Biochemistry*, 59(S22), 24-32.
10. Abenavoli, L., Capasso, R., Milic, N., & Capasso, F. (2010). Milk thistle in liver diseases: Past, present, future. *Phytotherapy Research*, 24(10), 1423-1432.
11. Krinsky, D. L., LaValle, J. B., Pelton, R., & Hawkins, E. B. (2003). *Natural Therapeutics Pocket Guide* (2nd ed.). Hudson, OH: Lexi-Comp.
12. Suzuki, Y. J., Aggarwal, B. B., & Packer, L. (1992). Alpha-lipoic acid is a potent inhibitor of NFkappa B activation in human T cells. *Biochemical and Biophysical Research Communications*, 189(3), 1709-1715.
13. Dalessandri, K. M., Firestone, G. L., Fitch, M. D., Bradlow, H. L., & Bjeldanes, L. F. (2009). Pilot study: Effect of 3,3'-diindolylmethane supplements on urinary hormone metabolites in postmenopausal women with a history of early-stage breast cancer. *Nutrition and Cancer*, 50(2), 161-167.