Olprima[™] EPA | DHA



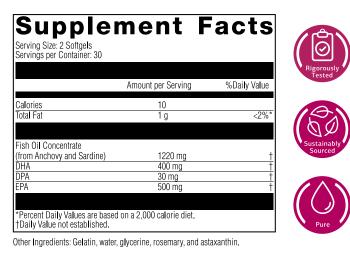
CONDITION-SPECIFIC SUPPORT



- Features of Olprima[™] EPA | DHA: • Provides concentrated EPA and DUA with EDA | DUA weight of 55 M
- DHA with EPA|DHA ratio of 55:45 • Supports cardiovascular health*^
- Supports healthy inflammatory processes*
- Supports general brain health and cognition*
- General mood support

Olprima[™] EPA | DHA is a convenient softgel providing an EPA | DHA ratio of 55:45.

Olprima[™] EPA | DHA promotes cardiovascular and brain health while supporting the body's healthy inflammatory response*. Careful processing and rigorous testing ensures quality and purity of the product and provides 500 mg of EPA and 400 mg DHA.



Please consult the actual product label for the most accurate product information

NOTES

The Case for Targeted Omega-3 Support

Omega-3 fatty acids play a critical role in the human body. DHA, EPA and their metabolites regulate a number of body systems including cardiovascular, pulmonary, immune, nervous¹, and endocrine systems^{2,3} and when administered individually or together in a concentrated form at an optimal ratio and dose may improve specific clinical conditions in very different ways than foundational omega-3 supplementation.^{1,4,5}

However, the Standard American Diet (SAD) often has an unbalanced and unhealthy omega-6 to omega-3 fatty acid ratio. The SAD has an overabundance of omega-6 fatty acids, found in poultry, nuts, eggs and vegetable oils, and an insufficient amount of omega-3 fatty acids. This high omega-6 and low omega-3 consumption can tip a healthy body system out of balance.

While scientific evidence from several clinical intervention studies has shown that intake of omega-3 fatty acids is associated with several beneficial health outcomes,^{2,6,7} it is only within the last several years that clinical studies have investigated the specific effects of EPA and DHA. EPA and DHA work individually and can also be combined with more targeted ratios to address condition-specific needs.^{8,9}

How Olprima™ Targeted DHA and EPA Supplementation Works

When used at the targeted ratio and dose, concentrated DHA and EPA, like Standard Process Olprimas, may improve specific clinical conditions in very different ways from foundational omega-3 supplementation typically used to maintain good health.^{8,7,10} Olprima[™] concentrated omega-3s can provide condition-specific support related to cardiovascular health^ and brain health and cognition.*

DOSAGE AM

PM

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

Olprima[™] EPA | DHA



CONDITION-SPECIFIC SUPPORT

Diet Alone May Not Be Enough

Increasing omega-3 fatty acid consumption through foods is preferable. However, a large percentage of the US adult population falls below the recommendations for omega-3 fatty acid consumption.¹⁰ Supplements can help bridge this gap.



1.0 -**Nutritional Gap** (day) 0.9 -0.8 and DHA Intakes (g/ ΔΗΔ 0.7 -0.6 -0.5 -0.4 -AND/AHA 0.3 -0.2 -**Coronary Heart** NHANES 0.1 -Healthy Disease 2003-08 Recommended intakes U.S. intake of EPA/DHA Combined

NHANES= National Health and Nutrition Examination Survey AND=Academy of Nutrition and Dietetics AHA= American Heart Association

REFERENCES

- 1. Dyall, S.C. Front Aging Neurosci 7, 52 (2015)
- 2. van Gelder, B.M., Tijhuis, M., Kalmijn, S. & Kromhout, D. Am J Clin Nutr 85, 1142-1147 (2007)
- 3. SanGiovanni, J.P. & Chew, E.Y. Prog Retin Eye Res 24, 87-138 (2005)
- 4. Allaire, J., et al. Am J Clin Nutr 104, 280-287 (2016)
- 5. Martins, J.G. J Am Coll Nutr 28, 525-542 (2009)
- 6. Dangardt, F., et al. Atherosclerosis 212, 580-585 (2010).
- Kris-Etherton, P.M., Harris, W.S., Appel, L.J. & American Heart Association. Nutrition, C. Fish consumption, fish oil, omega-3 fatty acids, and cardiovascular disease. *Circulation* 106, 2747-2757 (2002).
- 8. Innes, J.K. & Calder, P.C. Int J Mol Sci 19(2018)
- Mozaffarian, D. & Wu, J.H. (n-3) fatty acids and cardiovascular health: are effects of EPA and DHA shared or complementary? J Nutr 142, 6145-6255 (2012).
- 10. Zhang, Z., Fulgoni, V. L., Kris-Etherton, P. M., & Mitmesser, S. H. (2018). Nutrients, 10(4), 416. doi:10.3390/nu10040416
- 11. Papanikolaou, Y., Brooks, J., Reider, C. & Fulgoni, V.L., 3rd. *Nutr J* 13, 31 (2014)
- Position of the American Dietetic Association and Dietitians of Canada: Vegetarian diets. (2003). Journal of the American Dietetic Association, 103(6), 748-765. doi:10.1053/jada.2003.50142
- Krauss, R. M., Eckel, R. H., Howard, B., Appel, L. J., Daniels, S. R., et al. (2000). AHA Dietary Guidelines Revision 2000: A statement for healthcare professionals from the nutrition committee of the American Heart Association. Circulation, 102, 2284-2299.



High-Quality, Wholistic Clinical Nutrition

Since 1929, Standard Process has been dedicated to the field of nutritional supplements and the whole food philosophy introduced by Dr. Royal Lee.

We are committed to growing and sourcing only the highest quality ingredients. For products like our omega-3 oils that can't be grown on our own organic farm, we go to great lengths to find sources that practice, sustainable methods and apply high-quality standards like we do.

Our EPA and DHA products are of the highest quality, which means:

- · Below regulatory standards for contaminants and toxins
- · Pure, high quality, concentrated oils
- · Sustainably sourced ingredients

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FIGURE 1. Intake of omega-3 does not meet the recommended level of intake ^{11,12,13,14}