





Mito Motile®

Male Wellness Kit

- Comprehensive blend of antioxidants and nutrients to support mitochondrial function in sperm, shown to optimize sperm maturation, count, and motility
- Provides the most bioavailable forms of nutrients, including pyridoxal 5'-phosphate, vitamin D3, methylcobalamin, and L-5-methyltetrahydrofolate
- Provides clinically relevant doses of nutrients for male fertility
- Supports glutathione production, essential for detoxification of many toxins frequently associated with impaired fertility
- Decreases oxidative stress, which is closely linked to male infertility

PRODUCT SUMMARY

Mito Motile is a comprehensive male reproductive fertility support kit. The kit contains clinically relevant doses of vitamins and minerals, antioxidants and amino acids, essential fatty acids, and critical supportive nutrients for healthy male function. Mitochondrial dysfunction has been linked to increased oxidative damage, which in turn is closely linked with male infertility.^{1,2} Mito Motile has multiple mitochondrial optimizers, including L-carnitine, PQQ-10[®], and CoQ10, shown to increase pregnancy rates and various parameters of sperm function.³⁻⁵ It provides potent antioxidants, such as resveratrol, vitamin E, selenium, and N-acetylcysteine, nutrients shown to protect against toxins that target spermatogenesis and improve sperm counts alone and when combined with clomiphene citrate.^{6,7} It also provides N-acetyl-L-cysteine (a building block for the production of glutathione – a potent antioxidant) to decrease oxidative stress and improve sperm quality.^{8,9} It contains the mineral zinc, critical for sperm count and motility,^{10,11} and for preventing oxidative stress and sperm DNA fragmentation.¹¹ Its comprehensive nutritional support also includes clinically relevant doses of the omega-3 fatty acids DHA and EPA, shown in human trials to improve sperm cell total count and concentration in men with idiopathic oligoasthenoteratospermia, as well as B vitamins for supporting energy production.¹²⁻¹⁴



To Place Your Order Email: customerservice@bioclinicnaturals.com **Call:** 1·844·384·7502 • **Fax:** 1·877·433·9862







Serving Size: 1 Packet Servings per Container: 60

Each Packet Contains One of Each of the Following Supplements: L-Carnitine; Resveratrol with Grape Seed Extract; Vitamin E 400 with Selenium; Zinc Citrate; PQQ-10®; OptiMega-3® with Vitamin D3; N-Acetyl-L-Cysteine; B Complex-Pro.

Recommended Adult Dose: 1 packet per day or as directed by a health care practitioner. Take with food, a few hours before or after taking other medications or natural health products. Consult a health care practitioner for use beyond 3 months.

Recommended Use: Source of vitamins and minerals that factor in the maintenance of good health and normal growth and development. Helps support sperm motility, liver function, and normal function of the immune system. Supports energy metabolism, connective tissue formation, and the development and maintenance of bones, cartilage, teeth, and gums. Helps maintain and support cardiovascular health. Provides antioxidants that help protect against oxidative stress.

L-Carnitine

Each Capsule Contains:

L-Carnitine (Tartrate)500 mg

Non-medicinal Ingredients: Vegetarian capsule (carbohydrate gum [cellulose], purified water), silica, microcrystalline cellulose, vegetable grade magnesium stearate (lubricant).

Resveratrol with Grape Seed Extract

Each Capsule Contains:

Japanese Knotweed Extract (Fallopia japonica) (root)		
(20% Trans-Resveratrol)	200	mg
Grape Seed Extract (Vitis vinifera) (seed)		
(80% Oligomeric Proanthocyanidins)	25	mg

Non-medicinal Ingredients: Gelatin capsule (gelatin, purified water), microcrystalline cellulose, vegetable grade magnesium stearate (lubricant), silica.

Vitamin E 400 with Selenium

Each Tablet Contains:

Vitamin E (<i>d</i> -Alpha Tocopheryl Acid Succinate) 400 IU (268 mg AT*)
Selenium (Yeast)
Vitamin C (Ascorbic Acid)100 mg
Manganese (Gluconate)10 mg
*Alpha Tocopherol

Non-medicinal Ingredients: Dibasic calcium phosphate dihydrate, microcrystalline cellulose, silica, croscarmellose sodium, vegetable grade magnesium stearate (lubricant), coating (carbohydrate gum [cellulose], glycerin).

Zinc Citrate

Each Tablet Contains:

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Non-medicinal Ingredients: Microcrystalline cellulose, stearic acid, vegetable grade magnesium stearate (lubricant), silica.

PQQ-10®

Each Softgel Contains:

Coenzyme Q10 (Microorganism) (whole cell)200 mg

BioPQQ® Pyrroloquinoline Quinone (Disodium Salt)17.65 mg
SUN-E 900 Vitamin E (d-Alpha Tocopherol)
(Helianthus annuus) (seed)
*Alpha Tocopherol

Non-medicinal Ingredients: Softgel (gelatin, glycerin, purified water, carob powder), organic flaxseed oil, yellow beeswax, non-GMO sunflower oil, lecithin.

OptiMega-3® with Vitamin D3

Each Enteripure® Softgel Contains:

Fish Oil Concentrate (Anchovy, Sardine, and/or Mackerel)14	25 r	mg
Omega-3 Fatty Acids9	900 r	mg
Eicosapentaenoic Acid (EPA)6	600 r	mg
Docosahexaenoic Acid (DHA)	300 r	mg
Vitamin D3 (Cholecalciferol)	5 m	cg)

Non-medicinal Ingredients: Softgel (gelatin, glycerin, purified water, pectin), natural tocopherols.

N-Acetyl-L-Cysteine

Each Capsule Contains:

NAC (N-Acetyl-L-Cysteine)	(Free Form)	600 m	ıa

Non-medicinal Ingredients: Vegetarian capsule (carbohydrate gum [cellulose], purified water), microcrystalline cellulose, croscarmellose sodium, vegetable grade magnesium stearate (lubricant).

B Complex-Pro

Each Capsule Contains:

Vitamin B1 (Thiamine Hydrochloride, Benfotiamine)	.31.69 mg
Vitamin B2 (Riboflavin 5'-Phosphate Sodium)	10 mg
Niacin (Inositol Hexanicotinate)	100 mg
Pantothenic Acid (Calcium d-Pantothenate)	100 mg
Vitamin B6 (Pyridoxal 5'-Phosphate Monohydrate)	25 mg
Vitamin B12 (Methylcobalamin)	. 500 mcg
Folate (from (6S)-5-Methyltetrahydrofolic Acid (MTHF),	
Glucosamine Salt, Quatrefolic®)	400 mcg
Biotin	250 mcg
Choline Dihydrogen Citrate	50 mg
Inositol (Inositol Hexanicotinate)	50 mg



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.





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Non-medicinal Ingredients: Vegetarian capsule (carbohydrate gum [cellulose], purified water), microcrystalline cellulose, vegetable grade magnesium stearate (lubricant), silica, organic kale, organic alfalfa, organic cilantro leaf, organic parsley, caperberry, sprouted garlic, organic artichoke, organic black radish, organic dandelion, barley grass, pepper, organic celery seed, organic beetroot, organic tomato, wasabi rhizome, fresh freeze-dried sprouted broccoli, organic upland cress, daikon, red radish, organic cauliflower, organic cabbage, organic arugula, organic watercress leaf, grape, pomegranate, strawberry, organic cranberry, organic blueberry, raspberry, bilberry, organic Indian gooseberry, schizandra berry, red orange, organic acai berry, Theracurmin® curcumin, organic decaffeinated green tea extract, organic ginger rhizome, organic echinacea, organic oregano, organic peppermint, organic spearmint, organic spirulina, organic chlorella, red algae, blue green algae, kelp.

Caution: Do not use this product if you are taking antibiotics and/or nitroglycerin. Consult a health care practitioner prior to use if you have a liver disease, a kidney disease, a seizure disorder, kidney stones, cardiovascular disease, diabetes, cancer or a history of non-melanoma skin cancer, or if you are taking blood pressure medication or blood thinners. Zinc supplementation can cause a copper deficiency. Consult a health care practitioner prior to use if you are unsure whether you are taking enough copper. Keep out of reach of children.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, corn, egg, fish, shellfish, animal products, tree nuts, or GMOs.

Do not use if seal is broken. Each packet is sealed for your protection. For freshness, store in a cool, dry place.

References

- Amaral, A., Lourenço, B., Marques, M., et al. (2013). Mitochondria functionality and sperm quality. Reproduction, 146(5), R163-74.
- Cassina, A., Silveira, F., Cantu, L., et al. (2015). Defective Human Sperm Cells Are Associated with Mitochondrial Dysfunction and Oxidant Production. *Biol Reprod*, *93*(5), 119. Cheng, J.B., Zhu, J., Ni, F., et al. (2018). [L-carritine Combined With Coenzyme Q10
- for Idiopathic Oligoasthenozoospermia: A Double-Blind Randomized Controlled Trial].
- Thonghua Nan Ke Xue, 24(1), 33-38.
 Safarinejad, M.R., Safarinejad, S., Shafiei, N., et al. (2012). Effects of the reduced form of coenzyme Q10 (ubiquinol) on semen parameters in men with idiopathic infertility: a double-blind, placebo controlled, randomized study. *J Urol*, 188(2), 526-31.
- Balercia, G., Buldreghini, .E, Vignini, A., et al. (2009). Coenzyme Q10 treatment in infertile men with idiopathic asthenozoospermia: a placebo-controlled, double-blind randomized trial. Fertil Steril, 91(5), 1785-92.
- El Sheikh, M.G., Hosny, M.B., Elshenoufy, A., et al. (2015). Combination of vitamin E and clomiphene citrate in treating patients with idiopathic oligoasthenozoospermia: A prospective, randomized trial. *Andrology*, *3*(5), 864-7.
- Safarinejad, M.R., Safarinejad, S. (2009). Efficacy of selenium and/or N-acetyl-cysteine for improving semen parameters in infertile men; a double-blind, placebo controlled. randomized study. *J Urol*, 181(2), 741-51.

- Ciftci, H., Verit, A., Savas, M., et al. (2009). Effects of N-acetylcysteine on semen parameters
- and oxidative/antioxidant status. *Urology, 74,* 73-6. Jannatifar, R., Parivar, K., Roodbari, N.H., et al. (2019). Effects of N-acetyl-cysteine supplementation on sperm quality, chromatin integrity and level of oxidative stress in infertile men. Reprod Biol Endocrinol, 17(1), 24.
- Fatima, P., Begum, N., Ishrat, S., et al. (2016). Zinc supplementation in male infertility. Bangabandhu Sheikh Mujib Medical University Journal, 8(1), 9-13. Omu, A.E., Al-Azemi, M.K., Kehinde, E.O., et al. (2008). Indications of the mechanisms
- involved in improved sperm parameters by zinc therapy. *Med Princ Pract, 17*(2), 108-16. Safarineiad, M.R. (2011). Effect of omega-3 polyunsaturated fatty acid supplementation on semen profile and enzymatic anti-oxidant capacity of seminal plasma in infertile men with idiopathic oligoasthenoteratospermia: a double-blind, placebo-controlled, randomised study. *Andrologia*, 43(1), 38-47.
- Kromhout, D., de Goede, J. (2014). Update on cardiometabolic health effects of ω -3 fatty
- acids. Curr Opin Lipidol, 25(1), 85-90.
 Toyama, K., Nishioka, T., Isshiki, A., et al. (2014). Eicosapentaenoic Acid combined with optimal statin therapy improves endothelial dysfunction in patients with coronary artery disease. Cardiovasc Drugs Ther, 28(1), 53-9.



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