

Optima™ SpermAid

Food For Special Dietary Use



400g Tin Can

Features, Advantages & Benefits

❖ Key Features

Powerful Antioxidant Blend

Protects sperm from oxidative damage with Vitamin E (450% DV) and Selenium (170% DV).

Zinc & Mineral Rich

13.4mg Zinc (130% DV) essential for sperm production, motility, and testosterone synthesis.

L-Arginine & L-Taurine

Amino acids supporting blood flow, sperm energy metabolism, and reproductive health.

Adaptogenic Botanicals

Maca Root, Ashwagandha, Panax Ginseng & Rhodiola Rosea for hormonal balance and vitality.

✓ Key Benefits

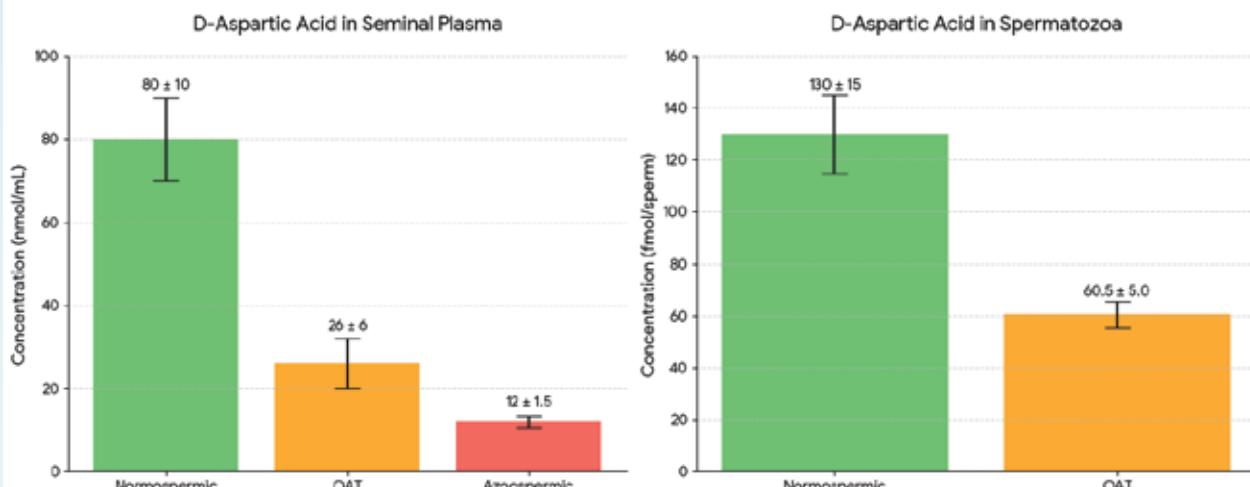
- ✓ **Improved Sperm Quality** - Supports healthy sperm morphology and DNA integrity
- ✓ **Enhanced Sperm Count & Motility** - Promotes optimal sperm production and movement
- ✓ **Hormonal Balance** - Helps maintain optimal testosterone and reproductive hormones
- ✓ **Antioxidant Protection** - Protects reproductive cells from oxidative stress damage

≡ Key Nutritional Facts (Per 100g)

Nutrient	Amount	% DV	Nutrient	Amount	% DV
Calories	440	-	Vitamin E	67.1mg	450%
Total Fat	16g	21%	Vitamin B12	80mcg	3333%
Protein	23g	46%	Zinc	13.4mg	130%
Magnesium	565mg	130%	Selenium	91mcg	170%

Clinical Evidence & Research

Comparison of D-Aspartic Acid (D-Asp) Levels in Fertile vs. Infertile Men



Clinical Study Summary: D-Aspartic Acid in Human Male Fertility

Study Overview: Published in *Fertility and Sterility* (2005), this study investigates the presence and role of D-aspartic acid (D-Asp) in human male fertility. Researchers compared D-Asp levels in 30 men across three groups: normospermic (normal), oligoasthenoteratospermic (low count, poor motility), and azoospermic (no sperm).

Methodology: D-Asp concentrations in seminal plasma and spermatozoa were measured using high-performance liquid chromatography (HPLC). Subcellular localization was determined via immunocytochemistry with light and electron microscopy.

Key Findings: D-Asp levels were significantly reduced in infertile men. Fertile sperm contained substantially higher D-Asp concentrations compared to infertile sperm (less than half the amount). Immunogold labeling revealed D-Asp is located in both the acrosome and nucleus of spermatozoa, suggesting a role in gene transcription and sperm maturation.

Conclusion: D-Asp levels in both seminal fluid and sperm cells reflect overall sperm quality and fertility potential. The study suggests D-Asp as a biomarker for sperm quality and indicates further research is needed to determine if D-Asp supplementation could improve sperm quality in infertile patients.

Reference: *Fertility and Sterility* Vol. 84, Issue 5, Nov 2005, Pages 1444-1449 | DOI: 10.1016/j.fertnstert.2005.05.019

Ready to Experience Optima SpermAid?

Request a free sample today and discover how Optima SpermAid can support male fertility and reproductive health.

Request a Sample



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Location

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Product Information

FORMAT	FOR	PRODUCT CODE
400g Tin Can	Male Only	0788792139848
SERVINGS	SERVING SIZE	UNITS/CARTON
10 per Container	40g (5-6 tsp)	4



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Recommended only for Male. This product is not intended to diagnose, treat, cure, or prevent any disease.