

OptimaTM

SpermAid

Food For Special Dietary Use



400g Tin Can

Fertility

Male Health

Botanicals

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.

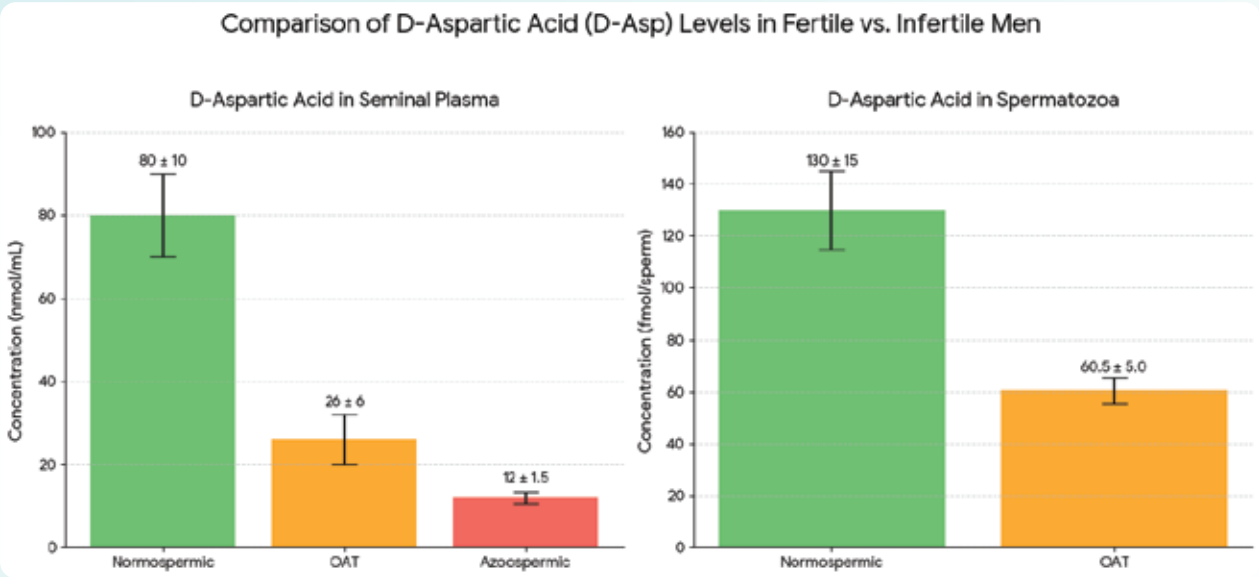
✔ Key Benefits

- ✓ **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



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



Website

www.nutricaa.com



Email

info@nutricaa.com



Phone

+8801717390779



Location

House No: 394, Road No: 29, New DOHS,
Mohakhali, Dhaka - 1209
Koltapara, Gouripur, Mymensingh - 2270,
Bangladesh

Product Information

FORMAT

400g Tin Can

FOR

Male Only

PRODUCT CODE

0788792139848

SERVINGS

10 per Container

SERVING SIZE

40g (5-6 tsp)

UNITS/CARTON

4



© 2025 Nutricaa. All rights reserved. For healthcare professionals and consumers.

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