

TEMPERED™**DRIVE**

CLINICAL APPLICATIONS

- *Supports Healthy Testosterone Levels and Free Testosterone Availability*
- *Promotes Vitality, Energy and Physical Performance*
- *Helps Maintain Normal Stress Hormone Balance*
- *Supports Reproductive Health, Libido and Sperm Parameters*
- *Maintains Balanced Testosterone Metabolism*

ENDOCRINE HEALTH

DRIVE© is a clinician-designed male hormone support formula that targets the multifactorial physiology of testosterone regulation, including stress signaling, hypothalamic–pituitary–gonadal (HPG) axis function, enzymatic testosterone synthesis, and free hormone availability. DRIVE© integrates clinically studied botanicals—Tongkat Ali, ashwagandha, and fenugreek—with bioavailable minerals such as boron and zinc to address both upstream and downstream drivers of testosterone balance. Working synergistically, these ingredients support endogenous testosterone production, reduce stress-related suppression of the HPG axis, and help maintain a favorable androgen environment associated with male vitality, physical performance and reproductive health.

Overview

Healthy testosterone levels are vital for male energy, physical performance, cognitive function, mood and overall wellbeing. Epidemiological studies suggest that approximately 20–25% of adult men have total testosterone levels below commonly used clinical thresholds, with prevalence increasing substantially with age and metabolic dysfunction. Longitudinal studies further demonstrate that testosterone levels decline gradually across adulthood—by an average of around 1% per year beginning in the third to fourth decade of life. Importantly, this decline is not driven by aging alone, but is strongly influenced by modifiable factors such as chronic stress, excess adiposity, insulin resistance, micronutrient insufficiencies and environmental exposures. Even modest disruptions in testosterone production, free testosterone availability, or stress physiology can meaningfully impact strength, motivation, libido, cognitive performance and overall vitality.

Stress physiology plays a central role in this process. Chronic elevations in cortisol suppress HPG-axis signaling by inhibiting gonadotropin-releasing hormone (GnRH) and luteinizing hormone (LH), impair Leydig cell function, and ultimately reduce testosterone synthesis. At the same time, micronutrient insufficiencies and unfavorable hormone metabolism may further limit free testosterone availability.

Tongkat Ali (LJ100®)

Tongkat Ali (*Eurycoma longifolia*) is a traditional botanical recognized for its influence on male vitality and stress balance. LJ100® is a patented, standardized extract containing clinically relevant concentrations of eurypeptides and glycosaponins. Research suggests that Tongkat Ali may help support testosterone production by influencing multiple physiological pathways. It has been studied for its ability to support normal cortisol levels, which is significant because elevated stress hormones can inhibit testosterone synthesis through HPGaxis suppression. By supporting healthy cortisol metabolism, Tongkat Ali may indirectly help maintain testosterone production during times of stress. Human clinical trials have shown that 200 mg per day of Tongkat Ali supported a 37% increase in testosterone in men with low baseline levels over four weeks. Other research demonstrates improvements in libido, erectile function, and subjective energy, as well as reductions in tension, anger, and cortisol-related symptoms. In a randomized, placebo-controlled trial in young healthy males, supplementation with LJ100® was also associated with favorable shifts in the testosterone-to-cortisol ratio and improvements in strength and body composition parameters, suggesting benefits even in men without clinically low testosterone.

In addition, animal studies suggest that Tongkat Ali may support healthy LH activity, providing upstream signaling for endogenous testosterone synthesis.

Together, these findings indicate that Tongkat Ali supports male endocrine health both through hormonal and stress-modulating pathways.

Ashwagandha (*Withania somnifera*)

Ashwagandha is a well-characterized adaptogenic botanical with substantial human clinical data supporting its effects on stress physiology, endocrine balance and male reproductive health. Its influence on testosterone appears to be mediated primarily through cortisol reduction, improved HPG-axis signaling, and testicular function support, rather than direct androgenic activity. In a randomized, double-blind, placebo-controlled clinical trial in adult males, supplementation with 300 mg of standardized ashwagandha root extract twice daily for eight weeks resulted in a significant increase in serum testosterone, along with improvements in sexual well-being and reductions in stress markers.

In another randomized placebo-controlled study of stressed and overweight adults, ashwagandha supplementation was associated with significant reductions in cortisol and improvements in overall hormone balance. In male participants, testosterone levels increased relative to placebo, supporting the concept that stress modulation may positively influence androgen status.⁹ Additional studies in men undergoing resistance training have shown that ashwagandha supplementation supports greater increases in testosterone, muscle strength, and lean mass, suggesting improved anabolic signaling and recovery.

Fenugreek (Trigonella foenum-graecum)

Fenugreek seed extract has been studied for its role in supporting male reproductive health, libido, body composition and testosterone availability. Unlike direct testosterone stimulants, fenugreek appears to influence androgen metabolism and utilization, helping preserve endogenous testosterone activity.

In a randomized, placebo-controlled clinical trial in healthy men, supplementation with a standardized fenugreek extract resulted in improvements in serum testosterone levels, libido, and sexual function, along with favorable changes in strength and body composition. In a comprehensive review of the mechanistic and clinical literature, fenugreek was shown to support testosterone balance through multiple physiological pathways.

Proposed mechanisms include modulation of key enzymes involved in testosterone metabolism, including aromatase, which converts testosterone to estradiol, and 5α-reductase, which converts testosterone to dihydrotestosterone. Additional effects include improvements in insulin sensitivity and potential enhancement of androgen receptor activity, collectively supporting a favorable androgenic environment. Preclinical data suggest that certain fenugreek saponins and glycosides may help reduce conversion of testosterone into downstream metabolites, thereby supporting testosterone availability. Fenugreek is described as a potential aromatase modulator, reflecting its broader, indirect effects on hormone balance. Its multifactorial metabolic and enzymatic activity may help support a favorable androgen environment, particularly in men experiencing metabolic stress or age-related hormonal shifts.

Zinc (as Zinc Bisglycinate Chelate)

Zinc plays an essential role in male reproductive and endocrine physiology. It functions as a structural and catalytic cofactor for numerous enzymes, including those involved in testosterone biosynthesis such as 17β-hydroxysteroid dehydrogenase. Adequate zinc status supports healthy testicular function and helps protect Leydig cells from oxidative stress, which can impair steroidogenesis.

Zinc has also been shown to support balanced aromatase activity, helping maintain optimal testosterone-toestrogen ratios in men.

While zinc supplementation most significantly influences individuals with poor zinc status, even marginal insufficiency can impact testosterone metabolism. Research demonstrates that supplementation can restore normal testosterone levels in men with dietary zinc deficiency, and studies in athletes indicate that zinc combined with magnesium can support healthy testosterone levels and muscle performance. DRVE® includes zinc in a fully reacted bisglycinate chelate form to support optimal absorption and gastrointestinal tolerance.

Boron (as Bororganic Glycine)

Boron is a trace mineral that supports steroid hormone metabolism, bone health, cognitive function and inflammatory balance. Emerging evidence suggests that boron may influence the metabolism of free testosterone by modulating sex hormonebinding globulin, vitamin D utilization, and enzymatic pathways involved in steroid hormone processing. In healthy men, supplemental boron intake at levels around 6 mg per day has been shown in clinical research to support healthy free testosterone levels, favorably influence testosterone-to-estrogen balance, and help maintain normal inflammatory markers. Beyond endocrine support, boron influences mineral and vitamin metabolism, particularly as it relates to bone health and joint comfort, both relevant to male vitality and physical performance. By supporting these interconnected pathways, boron helps maintain hormonal equilibrium and physiological resilience.

Directions

2-4 capsules per day or as recommended by your health care professional.

Does Not Contain

Gluten, yeast, artificial colors or flavors.

Cautions

Do not consume this product if you are pregnant or nursing. Consult your physician for further information.

Supplement Facts ^{V1}		
Serving Size 4 Capsules Servings Per Container 30		
	Amount Per Serving	% Daily Value
Zinc (as Zinc Bisglycinate Chelate) (Albion®)	10 mg	91%
Ashwagandha Root Extract (Standardized to contain 1.5% Withanolides)	600 mg	*
Fenugreek (<i>Trigonella foenum-graecum</i>) Seed Extract	500 mg	*
Tongkat Ali (<i>Eurycoma longifolia</i>) Root Extract (LJ100®)	400 mg	*
Boron (as Bororganic Glycine) (Albion®)	6 mg	*
* Daily Value not established.		
Other Ingredients: Microcrystalline Cellulose, Hypromellose (Natural Vegetable Capsules), Magnesium Stearate and Silicon Dioxide.		