

HumanaTEST

(Endogenous Androgen Amplification)



Description: HumanaTEST™ is a 4-in-1 stack specifically engineered with pharma-chemical compounds that have been researched and evaluated for their ability to endogenously influence androgen (testosterone) hormone production. This high potency androgen amplification complex is designed to support the anabolic activity of increased muscle growth receptor activation. A Full Strength – Non-Prescription Dietary Supplement administered in a white capsule format.

Clinical Nutraceutical: Testosterone is one of the final hormones produced from the steroidogenic process that begins with cholesterol. Cholesterol is essentially at the top of the chain and testosterone the final step of several cascading enzymatic reactions. Without the initiation of cholesterol conversion subsequent testosterone production can not occur. The rate-limiting and regulating step in steroid biosynthesis (ie. testosterone) is the intramitochondrial transport of cholesterol, a process that is mediated by the steroidogenic acute regulatory protein (StAR). StAR is a vital accessory protein required for biosynthesis of steroid hormones from cholesterol. By transporting cholesterol into cell StAR essentially gets the ball rolling by initiating the cascade of reactions that begins with cholesterol. As with a waterfall, the cascade affect will dry up, stay the same, or intensify depending on the supply of water. In the human body the affect is quite similar. When the intracellular supply of cholesterol increases the down stream supply of testosterone will also increase as a result of the direct impact of the StAR protein.

This process of natural steroidogenesis amplifies the production of testosterone without interrupting the natural balance of the cascade. Whereas, steroids, pre-steroids, and prohormones will in fact interrupt the natural cascade of reactions thus causing adverse side effects. StAR induced amplification completely eliminates the problems of side effects. You get the benefit of elevated testosterone without negative feedback interruption. In essence, your body becomes a testosterone factory!

Another impact hormone is **Luteinizing Hormone (LH)**. This hormones primary function is to signal for the increased synthesis of testosterone. During the first step in the cholesterol to testosterone cascade LH reacts with its own receptor triggering intracellular cAMP to increase the transcription of the StAR protein.

HumanaTEST™ is an exclusive synergistic innovation that helps increase natural testosterone production. Bio-engineered with the latest discoveries in androgen amplification processes. Each ingredient has been extensively researched for its ability to assist in the production of testosterone.

Mechanism of Action: HumanaTEST™ is exclusively formulated with 4 synergistic stacks:

- Stack #1: HumanaPlex™ – Isolated embryonic oglio-peptide protein substrate (Humanafort™)**
 Humanafort contains oligopeptides, essential amino acids and growth factors IGF, FGF, NGF, EPF, GTCP that cross the digestive barrier intact. Through mechanisms still not clearly understood Oglifort impacts the release of Luteinizing Hormone (LH) and the activity of the cholesterol to testosterone cascade. Increasing StAR activity causes an increase in the cholesterol conversion process within the cell mitochondria. Also an incredible source of Growth factors that enter the blood stream intact which are then able to facilitate their contribution to the complex process of cellular growth and recovery.
- Stack #2: T-Plex™ Tribulus terrestris L. [25% (26-0-β-1-glucopyranosyl 22-hydroxyfurost-5-en-3β-26-diol 3-0-β-dicluroramoside) protodioscine] Coleus Forskolin [40% (7β-Acetoxy-8, 13-epoxy-1α, 6β, 9α-trihydroxy-labd-14-en-11-one) forskolin]**
 Tribulus terrestris is powerful non-hormonal preparation of plant origin. The active components are steroid saponins with the predominating phytochemical compound being protodioscine. The anabolic effect initiated by protodioscine is produced by the pituitary-gonadal axis expressed as the enhancement of the Luteinizing hormone (LH) and testosterone levels. LH is the sequential hormone that initiates testosterone production. Other benefits included increased libido, spermatogenesis (sperm production) and ejaculation volume. In order for Luteinizing hormone to carryout its stimulatory mission it must bind to gonadal tissue receptors in the Leydig cells of the testes. Once bound to the cell receptors an enzyme is activated in the cell membrane. This enzyme known as adenylate cyclase catalyzes the conversion of adenosine triphosphate (ATP) to adenosine 3'5'-cyclic monophosphate (cAMP). The activation of cAMP combined with the presence of the 17β-hydroxysteroid dehydrogenase enzyme enables androgens to be converted to testosterone. The addition of forskolin helps initiate the activity of the secondary messenger cAMP amplifying the enzymatic stimulation of testosterone. Forskolin is a cell permeable diterpenoid that possesses positive adenylyl cyclase activating properties and thus secondary messenger amplification properties. It might be easier to simply think of forskolin as the intracellular enzyme turbocharger that will help jet up your testosterone to super natural levels!
- Stack #3: 9-M-1 (Eurycoma Longifolia 20:1)**
 This recently discovered phytochemical has been shown in research subject to significantly increase free testosterone production. A 61.2% increase in testosterone after just one week of administration.
- Stack #4: ZMAPlex™ - Patent Pending complex of novel substrates zinc monomethionine, magnesium aspartate, and vitamin B6.**
 This unique anabolic vitamin-mineral formula is a powerful non-steroidal complex clinically proven to increase free testosterone, total testosterone, and insulin-like growth factor-1 (IGF-1). This innovation has been shown in a clinical study of trained University football players to increase testosterone in huge proportions. Total testosterone levels increased 32.4% (567.9 to 752.7 ng/dl) and free testosterone levels increased 33.5% (131.1 to 176.3 pg/mL). IGF-1 levels increased 3.6% (424.2 to 439.3 ng/mL). These significant increases resulted in greater functional power and strength.

Indications and Use: HumanaTEST™ is used by male athletes and individuals with a physiological requirement to elevate natural testosterone androgen production. Used as part of a daily regime of proper diet and exercise. Consult your health care practitioner prior to using this or any other dietary supplement or medication.

Testosterone levels are at their highest concentrations in the body upon awakening. Testosterone levels diminish steadily throughout the day reaching the lowest level just prior to normal bedtime (~10 pm). Muscle recuperation, repair, and growth occur during rest most predominantly during sleep. Maintaining elevated testosterone levels throughout the day will accelerate androgen receptor activation and increase the growth and repair process.

Dosage and Administration:

Serving Size: 3 capsules provide one recommended dose.

HumanaTEST should be taken on an empty stomach with water. HumanaTEST should be taken on training and non-training days.

Typical 7 day cycle administration protocol:

Daily	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Dosage	3 capsules in morning upon awakening	3 capsules in morning upon awakening	3 capsules in morning upon awakening	3 capsules in morning upon awakening	3 capsules in morning upon awakening	3 capsules in morning upon awakening	3 capsules in morning upon awakening
Dosage	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime	3 capsules in evening prior to bedtime
Suggested Stack Combinations	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER	NitrACE SecretaGAIN iPOWER

7 Day cycle may be consecutively repeated for a total of 8 weeks. After 8 week period, take 14 days off with no supplementation of HumanaTEST™. After the 14 day off cycle, a new on-cycle may be administered again for 8 weeks. Followed again by 14 day off cycle. Continue this on – off cycle schedule for as long as desired or prescribed.