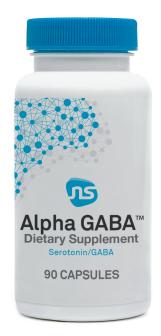


Alpha GABA™

Ingredients to promote calm during times of anxiousness while supporting a healthy response to stress, day or night*

Patient Profile†

- □ Need to "downshift" from feeling mentally engaged*
- ☐ Feelings of anxiousness, seeking to restore relaxation and calm*
- ☐ Desire for help balancing stress*



Key Ingredients

L-theanine

- Amino acid that acts as a glutamate receptor antagonist for balanced activity!*
- L-theanine has been linked to the generation of alpha brain waves, indicating a state of restored relaxation^{2*}

Ashwagandha (Withania somnifera)

- Patented ashwagandha leaf and root extract that provides the highest amount of withanolides on the market (>10% withanolides)
- Research and multiple data sets indicate Sensoril reduced stress and anxiousness^{3*}

Passionflower (Passiflora incarnata)

- Botanical shown to bind to the GABA site of GABA-A receptors for healthy activity^{4*}
- Activation of GABA-A receptors are essential for downregulating the hypothalamic-pituitary-adrenal (HPA) axis⁵*

Lemon balm (Melissa officinalis)

 Botanical shown to inhibit the enzyme GABA transaminase to restore balance, which may increase healthy levels of GABA in the brain^{6*}

L-taurine

- Neuroprotective amino acid that provides antioxidant protection^{7,8*}
- Demonstrates healthy GABA-A agonist activity^{9*}

The Science

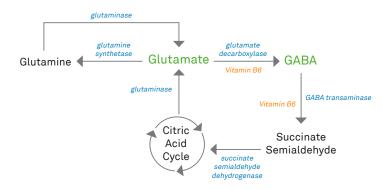
GABA is the primary inhibitory neurotransmitter in the brain¹⁰

■ GABA is important for calm and sleep^{11,12}

Glutamate is the primary excitatory neurotransmitter in the brain¹³

 Glutamatergic signaling underlies mechanisms related to anxiousness and stress¹⁴

GABA Pathway



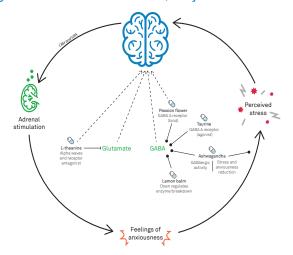
Green = Biomarker Blue = Enzyme Orange = Cofactor

[†] Symptom depictions represent a possible presentation based on scientific information and claims found on this sheet, references provided on reverse.

^{*}These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure or prevent any disease.

MORE SCIENCE BEHIND ALPHA GABA

Figure 1. Stress and Anxiousness, A Cycle to Balance



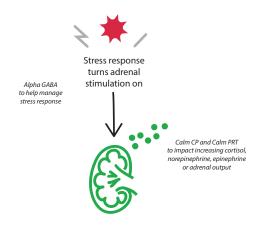
Stress processing and balancing the symptom cycle

Stress, GABA, and the HPA axis

- GABA signaling inhibits corticotropin-releasing hormone (CRH) and glutamate signaling stimulates CRH15
- Stress increases CRH secretion, stimulating the hypothalamic pituitary adrenal (HPA) axis and adrenal gland production of cortisol and the catecholamines¹⁵
- Chronic stress causes neuroplastic changes in the paraventricular nucleus, decreasing GABA receptor expression and increasing glutamate receptor expression, perpetuating the stress response⁵

Alpha GABA provides a multi-faceted approach to stress management with ingredients to balance symptoms of anxiousness while supporting a healthy stress response^{3,5}*

Figure 2. Stressed Induced Adrenal Output



Complete stress support, to restore a healthy response

Alpha GABA contains ingredients to:

- Induce healthy, relaxing alpha brain waves and feelings of calm with a targeted neurotransmitter approach^{1,2*}
- Provide comprehensive HPA axis support for optimal stress management3,5*

Support the circadian rhythm for patients already feeling the "fight or flight" response by adding:

Calm CP

Cortisol targeted blend*16* Elevated bedtime activity can

disrupt sleep and is associated with increased abdominal fat^{17*}

Calm PRT

Manage norepinephrine activity^{18*} Elevated norepinephrine activity can perpetuate stress, anxiousness, and fatigue 19,20*





Item Number	Available Sizes	Serving Size
20057	90 Capsules	3 Capsules



Stress disrupting sleep?

Consider Alpha GABA PM with a similar blend targeted for bedtime instead.

- Kakuda T, et al. Biosci Biotechnol Biochem. 2002;66(12):2683-86. Juneja L, et al. Trends Food Sci Tech. 1999;10:199-204. Auddy B, et al. JANA. 2008;11(1):50-6. Appel K, et al. Phytother Res. 2011;25(6):838-43. Herman J, et al. Prog Brain Res. 2008;170:353-64. Awad R, et al. Phytother Res. 2009;23(8):1075-81. Kumari N, et al. Adv Exp Med Biol. 2013;775:19-27. Shimada K, et al. Adv Exp Med Biol. 2013;75:19-27. Shimada K, et al. Adv Exp Med Biol. 2015;803:581-96. Kletke O, et al. PLoS One. 2013;8(4):e61733. Petroff O. Neuroscientist. 2002;8(6):562-73.

- Mohler H. Neuropharmacol. 2012;62(1):42-53.
 Saper C, et al. Nature. 2005;437(7063):1257-63.
 Meldrum BS. J Nutr. 2000;130(4S Suppl):10075-15S.
 Bermudo-Soriano C, et al. Pharmacol Biochem Behav. 2012;100:752-774.
 Levy B and Tasker J. Front Cell Neurosci. 2012;6(24):1-13.
 Calm CP Data on file. 2012. NeuroScience, Inc., Osceola, WI 54020.
 Abraham S, et al. Obesity (Silver Spring). 2013;21(1):E105-17.
 Calm PRT Data on file. 2006. NeuroScience, Inc., Osceola, WI 54020.
 Meerio P, et al. Sleep Med Rev. 2008;12:197-210.
 Mehta R, et al. Neuropharm. 2016;14:28-40.

^{*}These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.