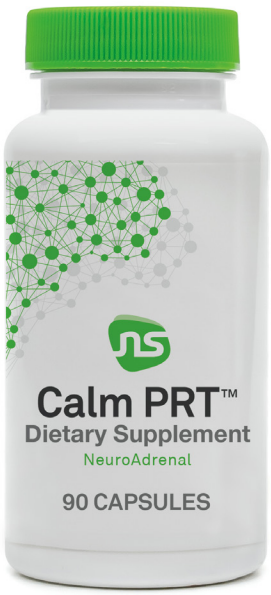
NeuroScience®



Calm PRT

Decreases norepinephrine activity and contains ingredients important for regulating the stress response, healthy sleep, and reducing anxiousness*

Patient Profile†

- ☐ Tired but wired - on edge, yet exhausted*
- ☐ Difficulty sleeping at night and waking in the morning*
- ☐ Feelings of overstimulation and adrenaline*

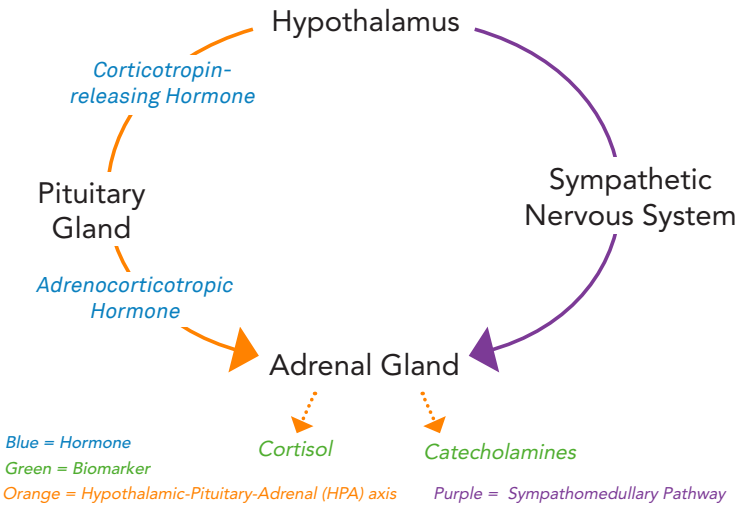
Key Ingredients

Rhodiola rosea root extract (standardized to 9-15% rosavins, providing 112.5 mg of rosavins)	■ Botanical adaptogen shown to **reduce anxiousness and stress-related effects**[1,2]*
Phosphatidyl-serine	■ Component of cell membranes important for receptor-mediated interactions[3]* ■ Phosphatidylserine is thought to interact with cell membranes in order to **dampen hypothalamic signaling and regulate a balanced stress response**[4]*
Glycine	■ Major inhibitory neurotransmitter that **crosses the blood-brain barrier**[5]* ■ Glycine binds receptors that regulate temperature during sleep[6]*
Taurine	■ Neuroprotective amino acid that provides antioxidant protection and **demonstrates GABA-A agonist activity**[7-9]* ■ GABA is the primary inhibitory neurotransmitter in the brain important for calm and sleep[10-12]

The Science

- In response to **stress**, the sympathetic nervous system (SNS) and hypothalamic-pituitary-adrenal (HPA) axis signal to the adrenals to release catecholamines (norepinephrine and epinephrine) and cortisol[13]
- While stress is a normal part of life, it can also be associated with imbalances in the HPA axis that can affect catecholamine and cortisol activity[14]

NeuroAdrenal Response



† 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 CALM PRT

Figure 1. Calm PRT Decreases Norepinephrine Activity[17]*

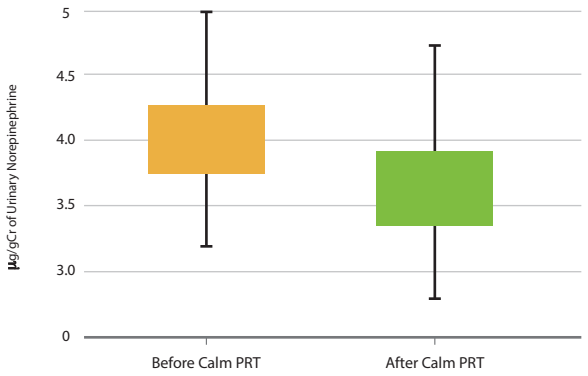
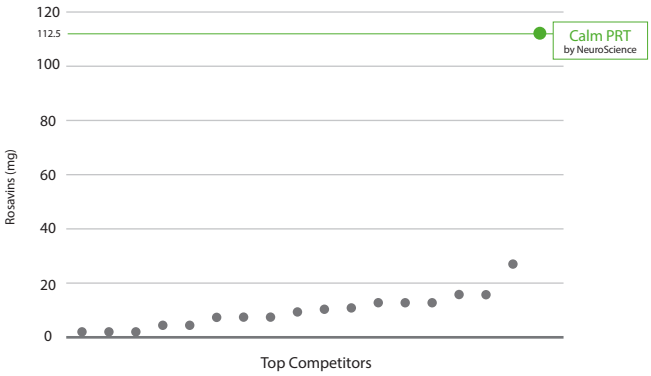


Figure 2. US Rosavin Supplements



HPA axis and norepinephrine interventions

Increased activity from the HPA axis in response to stressors leads to a "fight or flight" effect, including increased norepinephrine activity[13]

- Patients with anxiousness and altered learning show increased HPA axis sensitivity, leading to persistently high levels of urinary norepinephrine[15]
- Elevated levels of norepinephrine can disrupt circadian rhythm, perpetuating stress imbalances, anxiousness, and fatigue[16,17]

Calm PRT contains ingredients important for reducing norepinephrine and cortisol activity during anxiousness and stress*

- Data gathered from 91 people demonstrated a decrease in norepinephrine activity following the use of Calm PRT ($p<0.01$) (Figure 1.)[18]*
- Additionally, data showed Calm PRT use decreased evening cortisol activity in 106 people ($p<0.01$)[18]*

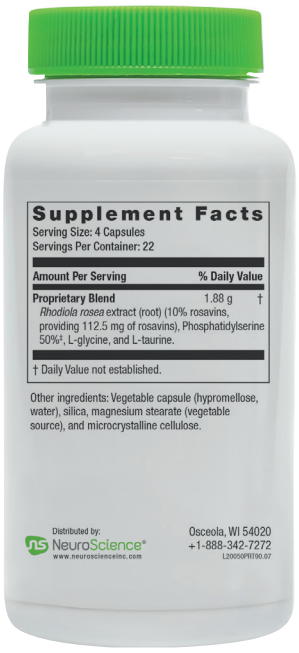
Highest rosavin standardization

Rhodiola, with high amounts of rosavins, has been shown to regulate a balanced stress response by interacting with the HPA system[19]*

- While the overall amount of a botanical is important, the standardization, or actual amount of active ingredient within a given botanical, is crucial to the efficacy of the product
- Many products claim to contain sizable amounts of Rhodiola but use lower standardizations of rosavins, resulting in low amounts of rosavins in the product

In a review of public formulas, Calm PRT contains the highest standardization of rosavins on the market, providing more milligrams of the active component per serving compared to other Rhodiola containing products[20] (Figure 2.)

- Calm PRT delivers 112.5 mg of rosavins per serving, more than triple the closest competitor and creates a positive impact in patients seeking balance for stress and anxiousness[1,2]*



NeuroScience®

Item Number	Available Size	Serving Size
20050	90 Capsules	4 Capsules

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All NeuroScience products undergo rigorous third-party testing to guarantee label claims of each ingredient and the absence of heavy metals, pesticides, residual solvents, and microbes

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‡This product uses SerinAid® (Phosphatidylserine).SerinAid® is a registered trademark of Chemi Nutra.

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