

## AdreCor

Contains non-glandular ingredients important for adrenal health and reducing stress-related fatigue\*

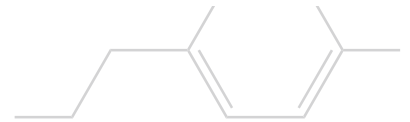
Item Number	Available Sizes	Serving Size
2096	90 Capsules	3 Capsules
2044	180 Capsules	



## Key Ingredients

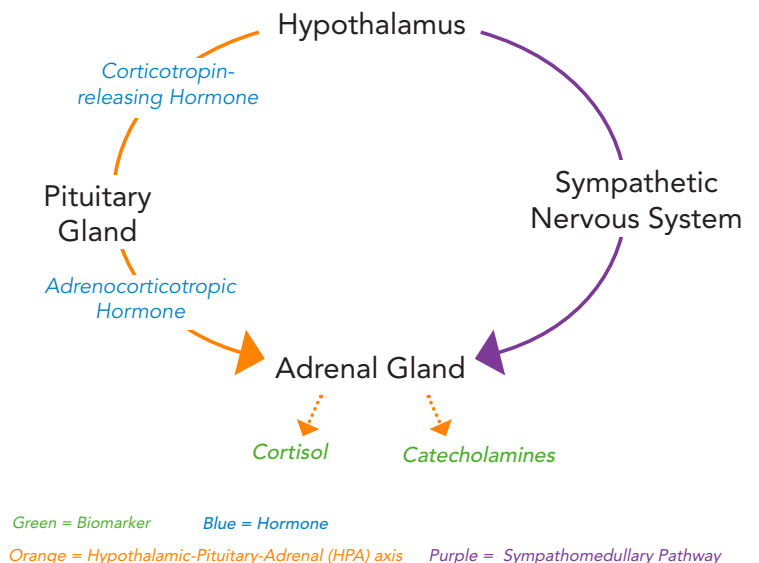
L-methionine	<ul style="list-style-type: none"> <li>Precursor to S-adenosylmethionine (S-AdoMet)<sup>1</sup></li> <li>S-AdoMet is directly involved in <b>methylation</b> processes including catecholamine synthesis<sup>2</sup></li> </ul>
L-tyrosine	<ul style="list-style-type: none"> <li>Precursor to catecholamines including dopamine, norepinephrine, and epinephrine</li> </ul>
L-histidine	<ul style="list-style-type: none"> <li>Precursor to histamine</li> <li>In the central nervous system, histamine plays an important role in the release of pituitary hormones and <b>wakefulness</b><sup>3</sup></li> </ul>
<i>Rhodiola rosea</i> root extract (5% rosavins)	<ul style="list-style-type: none"> <li>Adaptogen that has been shown to <b>reduce stress-induced effects</b><sup>4,5*</sup></li> </ul>
Green tea leaf extract ( <i>Camellia sinensis</i> ) (65% EGCG)	<ul style="list-style-type: none"> <li>Epigallocatechin gallate (EGCG) is a polyphenol in green tea that provides <b>antioxidant protection</b> by its ability to scavenge free radicals and metal ions<sup>6*</sup></li> <li>EGCG has been shown to <b>increase resistance to fatigue</b> in vivo<sup>7*</sup></li> </ul>
Vitamins B and C	<ul style="list-style-type: none"> <li><b>Active forms</b> of pantothenic acid, niacin, B6, folate, B12, and C are important for the synthesis of adrenal hormones and neurotransmitters<sup>8-12*</sup></li> </ul>

## 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<sup>13</sup>
- Prolonged stress** is associated with dysregulation of the HPA axis, which can affect catecholamine and cortisol levels<sup>14</sup>

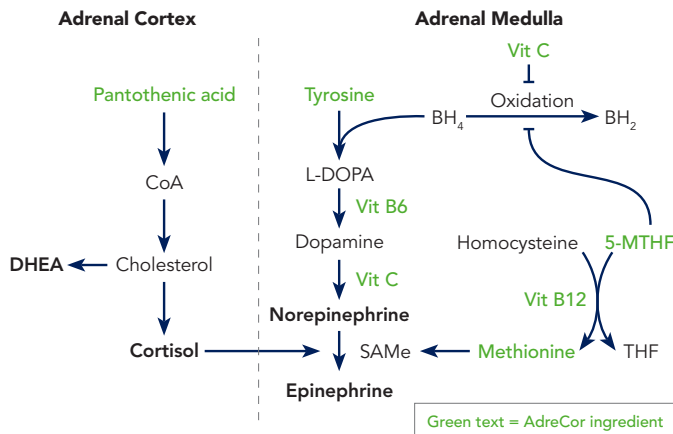
## NeuroAdrenal Response



\*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 ADRECOR

Figure 1. Adrenal Hormones and Neurotransmitters



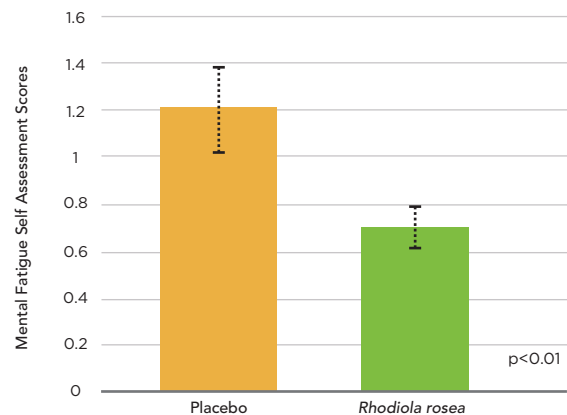
## AdreCor and adrenal health

Contains amino acids and vitamins important for the synthesis of adrenal hormones and neurotransmitters\*

- 5-MTHF and vitamin B12 are important for methylation processes including the synthesis of catecholamines<sup>11,15\*</sup>
- Niacin, vitamin C, and 5-MTHF help protect and regenerate tetrahydrobiopterin (BH<sub>4</sub>) from oxidation<sup>9,11\*</sup>
- Pantothenic acid is the precursor to coenzyme A (CoA), a coenzyme important for the energy production and hormone synthesis<sup>8\*</sup>
- Cortisol induces the conversion of norepinephrine to epinephrine<sup>16</sup>

Catecholamines play an important role in mood, energy, memory, attention and cognition<sup>16-19</sup>

Figure 2. *Rhodiola rosea* Improves Mental Fatigue<sup>5\*</sup>



## Catecholamines, stress, and fatigue

Catecholamines are involved in the central and peripheral stress responses<sup>15</sup>

- The locus coeruleus is the primary source of norepinephrine in the brain and is involved in the initiation of the central stress response<sup>16</sup>
- Depletion in catecholamines has been associated with fatigue and decreased vigor<sup>18</sup>

AdreCor contains ingredients important for reducing stress-related fatigue and increasing norepinephrine\*

- Research shows *Rhodiola rosea* was shown to improve mental fatigue and general well-being under stress (Figure 2.)<sup>5\*</sup>
- A data analysis demonstrated an increase in norepinephrine following the use of AdreCor (p < 0.0001)<sup>21\*</sup>



## Concerned about mood?

Learn more about TravaCor at [www.neuroscienceinc.com/products/travacore](http://www.neuroscienceinc.com/products/travacore)

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† Magnafolate is a registered trademark of Lianyungang Jinkang Pharmaceutical Technology Co., Ltd.

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