



Product Guide

Effective June 2023

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Product availability subject to change without notice.

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Innovative and integrative

An approach that delivers results

As a professional-grade brand, our foremost goal is delivering premium supplements containing amino acids, botanicals, vitamins, and minerals that contain impactful amounts of ingredients in a practical daily serving. We never design products with specific price points in mind.

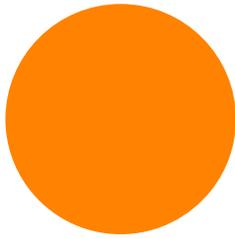
Understanding health is maintained between the nervous, endocrine, and immune systems—while also recognizing clinical symptoms are multifactorial—NeuroScience products are formulated and organized into the network impacted within our multi-system approach: Catecholamine, NeuroAdrenal, NeuroEnteric, NeuroImmune, and Serotonin/GABA.

Consistent products, consistent results

NeuroScience embraces the expectations of a rigorously regulated professional grade supplement brand. In addition to using FDA-inspected manufacturers that are cGMP (current good manufacturing practices) compliant, NeuroScience orders impartial third-party testing to verify label ingredient amounts are met, inspect for microbial contaminants, and test for heavy metal contamination. We believe our comprehensive Quality Management System ensures consistent products that deliver consistent results.

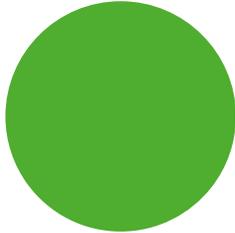


NeuroScience Network Categories



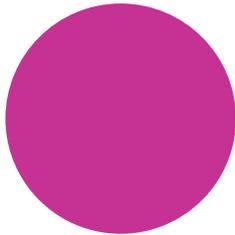
Catecholamine

- Cognition/Focused Attention
- Energy
- Mood
- Weight Management



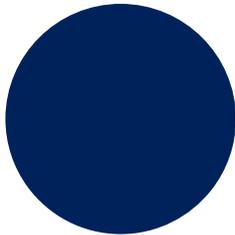
NeuroAdrenal

- Adrenal
- Anxiousness/Stress
- Cognition/Focused Attention
- Energy
- Immune
- Mood
- Sleep
- Weight Management



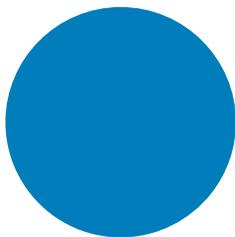
NeuroEnteric

- Anxiousness/Stress
- Gut
- Immune
- Mood



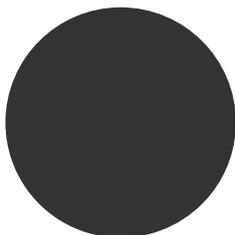
NeuroImmune

- Anxiousness/Stress
- Cognition/Focused Attention
- Energy
- Immune
- Mood
- Sleep



Serotonin/GABA

- Anxiousness/Stress
- Mood
- Sleep



Integrations

- Integrate between bodily systems
- Complement targeted support
- Foundational formula

Catecholamine

(PEA, Dopamine, Norepinephrine, Epinephrine)

A class of neurotransmitters responsible for many functions in the nervous and endocrine systems¹

Products in this category may be recommended for:

- Cognition/Focused Attention
- Energy
- Mood
- Weight Management



AttenTrex

Contains ingredients promoting the drive required for attention and feeling energized, in a chewable tablet delivery with flexible dosing for the entire family*

Item	Size	Serving size	Servings/container
20060	60 Tablets	2 Tablets	30

Key Ingredients:

- L-tyrosine
- Vitamin B6
- Vitamin C

Supplement Facts

Serving Size: 2 Tablets
Servings Per Container: 30

Amount Per Serving	% Daily Value	
Calories	3	
Total Carbohydrates	1 g	<1%*
Sorbitol	0.5 g	†
Vitamin C (as ascorbic acid)	25 mg	28%
Vitamin B6 (as pyridoxal 5'-phosphate)	2 mg	118%
L-tyrosine	250 mg	†

* Percent Daily Values are based on a 2,000 calorie diet.
† Daily Value not established.
Not a significant source of added sugar.

Other ingredients: Natural flavors, ascorbyl palmitate, and malic acid.



Reference

1. Eisenhofer G, et al. Pharmacol Rev. 2004;56(3):331-49.

Best Seller

Balance D



Contains ingredients important for the synthesis of dopamine, a catecholamine important for positive affect, mood, cognition, and craving control*

Item	Size	Serving size	Servings/container
2067	60 Capsules	2 Capsules	30

Key Ingredients:

- N-acetyl-L-cysteine
- N-acetyl-L-tyrosine
- *Mucuna cochinchinensis* seed extract (99% L-DOPA)
- Vitamins B and C

Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 30

Amount Per Serving	% Daily Value
Vitamin C (as ascorbic acid)	200 mg 222%
Vitamin B6 (as pyridoxal 5'-phosphate)	0.5 mg 29%
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	240 mcg DFE 60%
Selenium (as L-selenomethionine)	70 mcg 127%
Proprietary Blend	1.15 g †
N-acetyl-L-cysteine, N-acetyl-L-tyrosine, and <i>Mucuna cochinchinensis</i> extract (seed) (99% L-DOPA).	

† Daily Value not established.
Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, magnesium stearate (vegetable source), silica, and dicalcium phosphate.



Daxitrol Essential



Contains ingredients important for craving reduction, satiety, and breakdown of fat stores*

Item	Size	Serving size	Servings/container
20021	120 Capsules	3 Capsules	40

Key Ingredients:

- N-acetyl-L-cysteine
- L-phenylalanine
- Green tea (*Camellia sinensis*) leaf extract (65% EGCG)
- 5-HTP (from *Griffonia simplicifolia* seed extract)
- *Mucuna cochinchinensis* seed extract (99% L-DOPA)
- *Coleus forskohlii* root extract (38% forskolin)
- *Huperzia serrata* aerial parts (standardized to 1% huperzine A)

Supplement Facts

Serving Size: 3 Capsules
Servings Per Container: 40

Amount Per Serving	% Daily Value
Chromium (as chromium nicotinate glycinate chelate)	200 mcg 571%
Proprietary Blend	1.77 g †
N-acetyl-L-cysteine, L-phenylalanine, Green tea extract (<i>Camellia sinensis</i>) (leaf) (65% epigallocatechin gallate), 5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract), <i>Mucuna cochinchinensis</i> extract (seed) (99% L-DOPA), <i>Coleus forskohlii</i> extract (root) (38% forskolin), and <i>Huperzia serrata</i> extract (aerial parts) (1% huperzine A).	

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, and magnesium stearate (vegetable source).
Phenylketonurics: Contains phenylalanine.



*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.



Focus DL

Contains the precursor to PEA, a neuromodulator important for focus, cognition, and catecholamine activity*

Item	Size	Serving size	Servings/container
20003	60 Capsules	2 Capsules	30

Key Ingredients:

- DL-phenylalanine

Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 30

Amount Per Serving	% Daily Value
DL-phenylalanine	1 g †

† Daily Value not established.

Other ingredients: Microcrystalline cellulose, vegetable capsule (hypromellose, water), and magnesium stearate (vegetable source).

Phenylketonurics: Contains phenylalanine.



Catecholamine Ingredient Index

5-HTP (5-hydroxytryptophan): Crosses the blood-brain barrier and is the precursor to serotonin^{1*}

Chromium: A mineral nutrient that serves as a cofactor in the action of insulin^{6*}

Folate (as 5-MTHF): Necessary vitamin in the development and regulation of the nervous system, including the synthesis of neurotransmitters^{7-9*}

Forskolin: Botanical that stimulates production of cyclic adenosine monophosphate (cAMP), important for the activation of hormone-sensitive lipase, an enzyme that breaks down fat stores^{10-11*}

Green tea leaf extract: Epigallocatechin gallate (EGCG) is a polyphenol in green tea that is thought to increase energy expenditure and fat oxidation^{12*}

Huperzine A: Slows the breakdown of the neurotransmitter acetylcholine by inhibiting the enzyme acetylcholinesterase^{13*}

L-methionine: Essential amino acid precursor to S-adenosyl-L-methionine (SAME), an important cofactor in the synthesis of the catecholamines^{14,15*}

L-phenylalanine: Precursor to phenylethylamine (PEA) and the catecholamines dopamine, norepinephrine, and epinephrine¹⁶

L-tyrosine: Precursor to the catecholamines including dopamine, norepinephrine, and epinephrine¹⁶

Manganese: Essential metal that is important for energy metabolism and immune activity^{17*}

Mucuna cochinchinensis (99% L-DOPA): L-DOPA crosses the blood-brain barrier and is the direct precursor to the neurotransmitter dopamine^{18,19}

N-acetyl-L-cysteine: Precursor to L-cysteine, which is required for the synthesis of glutathione, an endogenous antioxidant^{20,21}

Selenium: Micronutrient that helps to comprise selenoproteins; these proteins are crucial for brain function and for enzymes such as glutathione peroxidase^{22*}

Vitamin B6: This vitamin is an essential cofactor in the synthesis of neurotransmitters^{23*}

Vitamin C: This vitamin acts as an essential cofactor in the synthesis of neurotransmitters^{24*}

Zinc: Essential micronutrient that is important for synaptic plasticity and is commonly found within neurons in the cerebral cortex^{27*}

References on page 38.

Catecholamine Product Overview

	AttenTrex	Balance D	Daxitrol Essential	Focus DL
Clinical				
Cognition/Focused Attention	•	•		•
Energy		•		
Mood		•		
Weight Management		•	•	
Biomarker**				
Dopamine	↑	↑↑↑	↑↑↑	
Epinephrine	↑	↑	↑	
Norepinephrine	↑	↑↑	↑	
PEA			↑↑	↑↑↑
Ingredients				
5-HTP			•	
<i>Bacopa monnieri</i>				
Chromium			•	
DL-phenylalanine				•
Folate		•		
Forskolin			•	
Green tea leaf extract			•	
Huperzine A			•	
L-methionine				
L-phenylalanine			•	
L-tyrosine	•			
Manganese				
<i>Mucuna cochinchinensis</i> (99% L-DOPA)		•	•	
N-acetyl-L-cysteine		•	•	
N-acetyl-L-tyrosine		•		
Selenium		•		
Vitamin B6	•	•		
Vitamin C	•	•		
Zinc				
Description				
Dosage Form	Tablets	Capsules	Capsules	Capsules
Available Sizes	60 Tablets	60 Capsules	120 Capsules	60 Capsules
Serving Size	2 Tablets	2 Capsules	3 Capsules	2 Capsules
Suggested Use (Do not exceed suggested use)	1-2 tablets daily for ages 4-8, up to 4 times daily for >18 years	1-2 QD-BID	1-3 TID	1-2 QD-BID

** The number and direction of the arrows reflect the precursor potential for metabolic end products and/or the mechanisms of action of select ingredient relationships as compared to other NeuroScience products. Please refer to the Product Quick Reference Guide for more information.

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NeuroAdrenal

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.¹ Prolonged stress is associated with dysregulation of the HPA axis, which can affect catecholamine and cortisol levels.²

Products in this category may be recommended for:

- Adrenal
- Anxiousness/Stress
- Cognition/Focused Attention
- Energy
- Immune
- Mood
- Sleep
- Weight Management

References

1. Lee D, et al. BMB Rep. 2015;48(4):209-16
2. Krizanova O, et al. Stress. 2016;19(4):419-28.

AdreCor

Best Seller

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



Item	Size	Serving size	Servings/container
2096	90 Capsules	3 Capsules	30
2044	180 Capsules		60

Key Ingredients:

- L-methionine
- L-tyrosine
- L-histidine
- *Rhodiola rosea* root extract (5% rosavins)
- Green tea leaf extract (*Camellia sinensis*) (65% EGCG)
- Vitamins B and C

Supplement Facts

Serving Size: 3 Capsules
Servings Per Container: 30

Amount Per Serving	% Daily Value	
Vitamin C (as ascorbic acid)	300 mg	333%
Niacin (as niacinamide)	6 mg NE	38%
Vitamin B6 (as pyridoxal 5'-phosphate)	12 mg	706%
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	230 mcg DFE	58%
Vitamin B12 (as methylcobalamin)	60 mcg	2500%
Pantothenic acid (as D-calcium pantothenate)	300 mg	6000%
Magnesium (as magnesium bisglycinate chelate)	14 mg	3%
Zinc (as zinc bisglycinate chelate)	3 mg	27%

Proprietary Blend 1.3 g †
L-methionine, L-tyrosine, L-histidine, *Rhodiola rosea* extract (root) (5% rosavins), and Green tea extract (*Camellia sinensis*) (leaf) (65% epigallocatechin gallate).

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), organic rice concentrate, and citric acid.



Suggested Use

Take 1-3 capsules one to two times daily or as directed by your healthcare provider. Do not exceed suggested use.

This product has a tamper evident seal under the Cap. Do not use if seal is broken or missing. Store at room temperature, in a dry place.

If you are pregnant or nursing, consult your healthcare provider before use. Keep out of reach of children.



NeuroScience Quality
Consistent products, consistent results. Scan to learn more.

BioMatrix Magnitude is a registered trademark of Longgang Jikang Pharmaceutical Technology Co., Ltd.



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AdreCor with Licorice Root

Increases cortisol levels and provides non-glandular ingredients important for adrenal health, energy, wakefulness, and stress management*



AdreCor with SAME

Contains non-glandular ingredients important for adrenal health and mood*

Item	Size	Serving size	Servings/container
2097	90 Capsules	3 Capsules	30

Item	Size	Serving size	Servings/container
2098	30 Capsules	1 Capsule	30

Key Ingredients:

- Glycyrrhizic acid (from Licorice root extract)
- L-histidine
- L-methionine
- L-tyrosine
- *Rhodiola rosea* root extract (5% rosavins)
- Green tea leaf extract (*Camellia sinensis*) (65% EGCG)
- Vitamins B and C

Key Ingredients:

- Adomet® (SAME)
- L-tyrosine
- *Rhodiola rosea* root extract (5% rosavins)
- Green tea leaf extract (*Camellia sinensis*) (65% EGCG)
- Vitamins B and C

Supplement Facts

Serving Size: 3 Capsules
Servings Per Container: 30

Amount Per Serving	% Daily Value
Vitamin C (as ascorbic acid)	300 mg 333%
Niacin (as niacinamide)	6 mg NE 38%
Vitamin B6 (as pyridoxal 5'-phosphate)	12 mg 706%
Folate (as L-5-methyltetrahydrofolate, calcium salt [†])	220 mcg DFE 55%
Vitamin B12 (as methylcobalamin)	60 mcg 2500%
Pantothenic acid (as D-calcium pantothenate)	300 mg 6000%
Magnesium (as magnesium glycinate)	14 mg 3%
Zinc (as zinc bisglycinate chelate)	3 mg 27%
Glycyrrhizic acid (from Licorice root extract)	120 mg †
Proprietary Blend	587 mg †
L-histidine, L-methionine, L-tyrosine, <i>Rhodiola rosea</i> extract (root) (5% rosavins), and Green tea extract (<i>Camellia sinensis</i>) (leaf) (65% epigallocatechin gallate).	

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, and magnesium stearate (vegetable source).



Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 30

Amount Per Serving	% Daily Value
Vitamin C (as ascorbic acid)	50 mg 56%
Niacin (as niacinamide)	2 mg NE 13%
Vitamin B6 (as pyridoxal 5'-phosphate)	4 mg 235%
Folate (as L-5-methyltetrahydrofolate, calcium salt [†])	109 mcg DFE 27%
Vitamin B12 (as methylcobalamin)	20 mcg 833%
Pantothenic acid (as D-calcium pantothenate)	100 mg 2000%
Calcium (from calcium oxide, D-calcium pantothenate, calcium chloride and dicalcium phosphate)	25 mg 2%
Magnesium (as magnesium bisglycinate chelate)	4.7 mg 1%
Zinc (as zinc bisglycinate chelate)	1 mg 9%
S-adenosyl-L-methionine (as s-adenosyl-L-methionine disulfate p-toluensulfonate [†])	200 mg †
Proprietary Blend	96 mg †
L-tyrosine, <i>Rhodiola rosea</i> extract (root) (5% rosavins), and Green tea extract (<i>Camellia sinensis</i>) (leaf) (65% epigallocatechin gallate).	

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, and magnesium stearate (vegetable source).



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Calm CP



Decreases cortisol levels and provides ingredients important for calm, sleep, and management of blood sugar*

Item	Size	Serving size	Servings/container
2099	60 Capsules	2 Capsules	30

Key Ingredients:

- *Lagerstroemia speciosa* (Banaba) leaf extract (18% corosolic acid**)
- Phosphatidylserine
- Glycine
- Taurine

Supplement Facts	
Serving Size: 2 Capsules	
Servings Per Container: 30	
Amount Per Serving	% Daily Value
Proprietary Blend	667 mg †
Phosphatidylserine 50% [‡] , L-glycine, L-taurine, and Banaba extract (<i>Lagerstroemia speciosa</i>) (leaf) (18% corosolic acid).	
† Daily Value not established.	

Other ingredients: Organic rice concentrate, vegetable capsule (hypromellose, water), and silica.



Calm PRT

Contains ingredients important for sleep, regulating the stress response, and reducing anxiousness*

Item	Size	Serving size	Servings/container
20050	90 Capsules	4 Capsules	22

Key Ingredients:

- *Rhodiola rosea* root extract (9%-15% rosavins)
- Phosphatidylserine
- Glycine
- Taurine

Supplement Facts	
Serving Size: 4 Capsules	
Servings Per Container: 22	
Amount Per Serving	% Daily Value
Proprietary Blend	1.88 g †
<i>Rhodiola rosea</i> extract (root) (10% rosavins, providing 112.5 mg of rosavins), Phosphatidylserine 50% [‡] , L-glycine, and L-taurine.	
† Daily Value not established.	

Other ingredients: Vegetable capsule (hypromellose, water), silica, magnesium stearate (vegetable source), and microcrystalline cellulose.





ExcitaPlus

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

Provides over three times the L-tyrosine and six times the Rhodiola per capsule compared to AdreCor

Item	Size	Serving size	Servings/container
2069	120 Capsules	2 Capsules	60

Key Ingredients:

- L-tyrosine
- *Rhodiola rosea* root extract (5% rosavins)
- L-methionine
- *Mucuna cochinchinensis* seed extract (99% L-DOPA)
- Vitamins B and C

Supplement Facts

Serving Size: 2 Capsules Servings Per Container: 60		
Amount Per Serving		% Daily Value
Vitamin C (as ascorbic acid)	67 mg	74%
Niacin (as niacinamide)	20 mg NE	125%
Vitamin B6 (as pyridoxal 5'-phosphate)	17 mg	1000%
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	240 mcg DFE	60%
Pantothenic acid (as D-calcium pantothenate)	40 mg	800%
Zinc (as zinc bisglycinate chelate)	6.7 mg	61%
Manganese (as manganese sulfate)	2.7 mg	117%
Proprietary Blend	1.1 g	†
L-tyrosine, <i>Rhodiola rosea</i> extract (root) (5% rosavins), L-methionine, and <i>Mucuna cochinchinensis</i> extract (seed) (99% L-DOPA).		
† Daily Value not established.		
Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, and magnesium stearate (vegetable source).		



NeuroAdrenal Ingredient Index

Banaba leaf: Botanical that contains corosolic acid, a compound that selectively inhibits 11 β -hydroxysteroid dehydrogenase 1 (11 β -HSD1), an enzyme that catalyzes the conversion of cortisone into cortisol^{28,29*}

Folate (as 5-MTHF): Necessary vitamin in the development and regulation of the nervous system, including the synthesis of neurotransmitters^{7-9*}

Glycine: Major inhibitory neurotransmitter that crosses the blood-brain barrier and binds receptors that regulate temperature during sleep^{30,31*}

Green tea leaf extract: Epigallocatechin gallate (EGCG) is a polyphenol in green tea that provides antioxidant protection through its ability to scavenge free radicals and metal ions^{32,33*}

L-histidine: Precursor to histamine, a neurotransmitter in the central nervous system that has an important role in the release of pituitary hormones and wakefulness^{34*}

Licorice root extract: Glycyrrhetic acid (metabolite of glycyrrhizic acid) binds 11 β -hydroxysteroid dehydrogenase 2 (11 β -HSD2) to inhibit the breakdown of cortisol^{35,36*}

L-methionine: Essential amino acid precursor to S-adenosyl-L-methionine (SAME), an important cofactor in the synthesis of the catecholamines^{14,15*}

L-tyrosine: Precursor to the catecholamines including dopamine, norepinephrine, and epinephrine¹⁶

Magnesium: Mineral found in the body that is important for neurotransmitter release and energy metabolism^{37*}

Manganese: Essential metal that is important for energy metabolism and immune activity^{17*}

***Mucuna cochinchinensis* (99% L-DOPA):** L-DOPA crosses the blood-brain barrier and is the direct precursor to the neurotransmitter dopamine^{18,19}

Niacin (B3): Vitamin in its active form is important for the synthesis of neurotransmitters^{38*}

Pantothenic acid (B5): Involved in the synthesis of neurotransmitters and is the precursor to coenzyme A (CoA), an essential coenzyme for energy production and hormone synthesis^{39*}

Phosphatidylserine: Component of cell membranes important for receptor-mediated interactions; phosphatidylserine is thought to interact with cell membranes in order to dampen hypothalamic signaling and regulate the stress response^{40,41*}

Rhodiola: Botanical that is considered an adaptogen because of its ability to increase the body's resistance to stressors^{42*}

S-adenosyl-L-methionine (SAME): SAME is the universal methyl donor in the body involved in the methylation of neurotransmitters^{14,15*}

Taurine: Neuroprotective amino acid that provides antioxidant protection and demonstrates GABA-A agonist activity^{43-45*}

Vitamin B12: This vitamin is essential in the development and function of the nervous system and the formation of neurotransmitters^{46*}

Vitamin B6: This vitamin is an essential cofactor in the synthesis of neurotransmitters^{23*}

Vitamin C: This vitamin acts as an essential cofactor in the synthesis of neurotransmitters^{24*}

Zinc: Essential micronutrient that is important for synaptic plasticity and is commonly found within neurons in the cerebral cortex^{27*}

References on page 38.

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NeuroAdrenal Product Overview

	AdreCor	AdreCor with Licorice Root	AdreCor with SAME	ExcitaPlus
Clinical				
Adrenal	•	•	•	•
Cognition/Focused Attention				•
Energy	•	•		•
Immune		•		
Mood			•	
Biomarker**				
Dopamine	↑	↑	↑	↑↑
Epinephrine	↑↑	↑	↑↑↑	↑
Norepinephrine	↑↑	↑	↑	↑↑↑
Cortisol	↑	↑↑↑	↑	↑
Ingredients				
Folate	•	•	•	•
Green tea leaf extract	•	•	•	
L-histidine	•	•		
Licorice root extract		•		
L-methionine	•	•		•
L-tyrosine	•	•	•	•
Magnesium	•	•	•	
Manganese				•
<i>Mucuna cochinchinensis</i> (99% L-DOPA)				•
Niacin	•	•	•	•
Pantothenic acid	•	•	•	•
Rhodiola (5% rosavins)	•	•	•	•
S-adenosyl-L-methionine (SAME)			•	
Vitamin B12	•	•	•	
Vitamin B6	•	•	•	•
Vitamin C	•	•	•	•
Zinc	•	•	•	•
Description				
Dosage Form	Capsules	Capsules	Capsules	Capsules
Available Sizes	90 and 180 Capsules	90 Capsules	30 Capsules	120 Capsules
Serving Size	3 Capsules	3 Capsules	1 Capsule	2 Capsules
Suggested Use (Do not exceed suggested use)	1-3 QD-BID	1-3 QD-BID	1 QD-BID	1-2 QD-BID

** The number and direction of the arrows reflect the precursor potential for metabolic end products and/or the mechanisms of action of select ingredient relationships as compared to other NeuroScience products. Please refer to the Product Quick Reference Guide for more information.

NeuroAdrenal Product Overview

	Calm CP	Calm PRT
Clinical		
Adrenal	•	•
Immune	•	
Sleep	•	•
Weight Management	•	
Biomarker**		
Epinephrine		↓
Glycine	↑	↑
Norepinephrine		↓
Taurine	↑	↑
Cortisol	↓↓	↓
Ingredients		
Banaba leaf extract	•	
Phosphatidylserine	•	•
Glycine	•	•
Taurine	•	•
Rhodiola (9%-15% rosavins)		•
Description		
Dosage Form	Capsules	Capsules
Available Sizes	60 Capsules	90 Capsules
Serving Size	2 Capsules	4 Capsules
Suggested Use (Do not exceed suggested use)	2 QD-BID	3-4 QD-BID

** The number and direction of the arrows reflect the precursor potential for metabolic end products and/or the mechanisms of action of select ingredient relationships as compared to other NeuroScience products. Please refer to the Product Quick Reference Guide for more information.

NeuroEnteric

The enteric nervous system contains 5x as many neurons as the spinal cord and helps relay messages from the brain to the gut.¹⁻³ Proper gut health promotes balanced immune function, healthy neurotransmitter production, and improved digestion.¹

Products in this category may be recommended for:

- Anxiousness/Stress
- Gut
- Immune
- Mood



Digest DTX

Formulated with digestive enzymes and botanicals to break the toxin-induced immune cycle through improved digestion, aided detoxification, and balanced immune function*

Item	Size	Serving size	Servings/container
20046	90 Capsules	1 Capsule	90

Key Ingredients:

- Enzyme blend (Amylase, Lactase, Lipase, Protease, Acid Protease DS)
- Cilantro leaf (*Coriandrum sativum*)
- Apple cider vinegar
- Turmeric (*Curcuma longa*, standardized to 30% curcuminoids)

Supplement Facts	
Serving Size: 1 Capsule	
Servings Per Container: 90	
Amount Per Serving	% Daily Value
Biocore® Optimum Complete	110 mg †
Protease (21,000 HUT), Amylase (3,500 DU), Protease (4,000 PC), Alpha-Galactosidase (150 GalU), Glucoamylase (9 AGU), Lactase (1,000 ALU), Protease (50 SAPU), Invertase (400 SU), Lipase (500 FIP), Acid Maltase (14 MaltU), and Peptidase (2AP).	
Proprietary Blend	280 mg †
Cilantro (<i>Coriandrum sativum</i>) (leaf) powder, Apple cider vinegar (<i>Malus pumila</i>) (fruit) extract (10% Total acids), and Theracurmin® Turmeric (<i>Curcuma longa</i>) (rhizome) extract (30% curcuminoids).	
† Daily Value not established.	

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, magnesium stearate (vegetable source), and silica.

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 www.neuroscienceinc.com

Osceola, WI 54020
 +1-888-342-7272
 L20046D0TX90.05



References

1. Saulnier, D. et al. Gut Microbes. 2013 Jan-Feb;4(1):17-27.
2. Rao, M. And Gershon, M. Nat Rev Gastroenterol Hepatol. 2016 Sep;13(9):517–528.
3. Bansal, T. Proc Natl Acad Sci U S A. 2010.

*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.



NeuroBiota

Shelf-stable probiotic blend important for the gut-brain axis, improvement of mood, neurotransmitter synthesis, and balancing the immune response*

Item	Size	Serving size	Servings/container
20049	30 Tablets	1 Capsule	30

Key Ingredients:

- Probiotics

Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 30

Amount Per Serving	% Daily Value
Vitamin C (from ascorbic acid)	15 mg 17%
Proprietary Blend	20 billion CFU †
<i>Lactobacillus paracasei</i> HA-196, <i>Lactobacillus rhamnosus</i> GG, <i>Lactobacillus helveticus</i> Rosell®-52, <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> LAFTI® B94, <i>Lactobacillus brevis</i> HA-112, and <i>Bifidobacterium longum</i> Rosell®-175.	

† Daily Value not established.

Other ingredients: Potato starch, vegetable capsule (hydro-mellose, water), and magnesium stearate (vegetable source).



If you are pregnant or nursing, consult your healthcare provider before use.

This product has a tamper evident seal under the cap. Do not use if seal is broken or missing.

Keep out of reach of children. Store at room temperature, in a cool dry place.

No refrigeration required.

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NeuroEnteric Ingredient Index

Apple cider vinegar: *In vitro* studies demonstrate apple cider vinegar balances the enteric microbiota and supports immune regulating properties through the downregulation of toxic protein expression and TNF- α and IL-6 expression^{77*}

Cilantro leaf (*Coriandrum sativum*): *Coriandrum sativum* is a peptide derived from cilantro leaf which promotes a balanced microbiota^{78*}

Enzyme blend (Amylase, Lactase, Lipase, Protease, Acid Protease DS): Blend of acid-stable, naturally-derived enzymes designed to optimize fundamental digestion*

Probiotics: Living microorganisms that populate the gut to help support gut function, balance immune activity, and improve neurotransmitter synthesis^{79-81*}

Turmeric (*Curcuma longa*, 30% curcuminoids): Curcumin, a polyphenol in turmeric, contains notable immune regulating properties^{82*}

NeuroEnteric Product Overview

	Digest DTX	NeuroBiota
Clinical Indication		
Anxiousness/Stress		•
Gut	•	•
Immune	•	•
Mood		•
Biomarker**		
GABA		↑
Cortisol		↓
Ingredients		
Apple cider vinegar	•	
Cilantro leaf	•	
Enzyme blend	•	
Probiotics		•
Turmeric	•	
Description		
Dosage Form	Capsules	Capsules
Available Sizes	90 Capsules	30 Capsules
Serving Size	1 Capsule	1 Capsule
Suggested Use (Do not exceed suggested use)	1 QD before consuming food	1 QD

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NeuroImmune

The sympathetic and parasympathetic nervous systems work together with the immune system to regulate the immune response.¹ Oxidative stress is directly linked to immune activation and can damage proteins, lipids, and DNA.² Long term immune activation can lead to imbalances in these systems and can contribute to symptoms such as fatigue, low mood, and sleep difficulties.^{1,3-5}

Products in this category may be recommended for:

- Anxiousness/Stress
- Cognition/Focused Attention
- Energy
- Immune
- Mood
- Sleep

References

1. Pongratz G and Straub R. Arthritis Res Ther. 2014;16:504.
2. Kasperczyk S, et al. Toxicol Appl Pharmacol. 2014;280(1):36-41.
3. Spindler M, et al. Neuropsychiatr Disease Treatment. 2009;5:597-610.
4. Rochette L, et al. Can J Physiol Pharmacol. 2015;93(12):1021-7.
5. Liu X, et al. Restor Neurol Neurosci. 2013;31(2):109-23.

Avipaxin

Contains ingredients involved in the synthesis and activity of acetylcholine, a neurotransmitter important for learning, memory, and downregulation of the immune system*



Item	Size	Serving size	Servings/container
20040	90 Capsules	3 Capsules	30

Key Ingredients:

- Acetyl-L-carnitine
- Alpha-glycerolphosphorylcholine (50% alpha-GPC)
- *Huperzia serrata* (standardized to 1% huperzine A)

Supplement Facts	
Serving Size: 3 Capsules	
Servings Per Container: 30	
Amount Per Serving	% Daily Value
Proprietary Blend	1.82 g †
Acetyl-L-carnitine HCl, Alpha-glycerolphosphorylcholine (50% Alpha-GPC), and <i>Huperzia serrata</i> (aerial parts) (1% huperzine A).	
† Daily Value not established. Not a significant source of sugar.	

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, silica, and magnesium stearate (vegetable source).



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Calm G

Best Seller

Contains a blend of ingredients important for regulating glutamate activity, stress-reduction, metabolic health, and mitochondrial function*

Item	Size	Serving size	Servings/container
20004	90 Capsules	2 Capsules	45



ImmuWell

Contains ingredients shown to support healthy immune responses as well as energy, mood, and memory processes*

Item	Size	Serving size	Servings/container
20066	90 Capsules	3 Capsules	30

Key Ingredients:

- L-cysteine
- L-theanine
- Alpha-lipoic acid
- Coenzyme Q10
- L-methionine

Key Ingredients:

- Vitamin C
- Beta 1, 3/1, 6 D Glucan
- Zinc
- Black elderberry powder (*Sambucus nigra* L.)
- L-tyrosine
- Ginkgo biloba L. extract
- Vitamin D

Supplement Facts		
Serving Size: 2 Capsules		
Servings Per Container: 45		
Amount Per Serving	% Daily Value	
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	272 mcg DFE	68%
Selenium (from L-selenomethionine)	70 mcg	127%
Proprietary Blend	1.1 g	†
L-cysteine, Alpha-lipoic acid, L-theanine, Coenzyme Q10, and L-methionine.		
† Daily Value not established.		

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, magnesium stearate (vegetable source), silica, and dicalcium phosphate.



Supplement Facts		
Serving Size: 3 Capsules		
Servings Per Container: 30		
Amount Per Serving	% Daily Value	
Vitamin C (as ascorbic acid)	500 mg	556%
Vitamin D (as cholecalciferol)	25 mcg	125%
Zinc (as zinc bisglycinate chelate)	10 mg	91%
Proprietary Blend	1.2 g	†
Black elderberry powder (<i>Sambucus nigra</i> L.) (whole fruit), L-tyrosine, Beta 1, 3/1, 6 D Glucan (from <i>Saccharomyces cerevisiae</i>), <i>Ginkgo biloba</i> L. extract† (leaf) (24% total flavone glycosides, 6% total terpene lactones)		
† Daily Value not established.		

Other Ingredients: Vegetable capsule (hypromellose, water), organic rice concentrate, ascorbyl palmitate, and silica.
 †Ginkgoselect® is a trademark of Indena S.A.S.



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Kavince OS

Comprehensive blend of antioxidants shown to improve the onset, duration, and efficiency of sleep while addressing oxidative stress*

Item	Size	Serving size	Servings/container
20059	14 Capsules	2 Capsules	7
20053	60 Capsules	2 Capsules	30

Key Ingredients:

- L-theanine
- Resveratrol
- Astaxanthin
- Magnesium
- Zinc
- Selenium
- Melatonin

Supplement Facts

Serving Size: 2 Capsules		
Servings Per Container: 30		
Amount Per Serving	% Daily Value	
Magnesium (as magnesium bisglycinate chelate)	25 mg	6%
Zinc (as zinc bisglycinate chelate)	15 mg	136%
Selenium (as selenomethionine)	200 mcg	364%
Melatonin	5 mg	†
Proprietary Blend	214 mg	†
L-theanine, Trans-resveratrol (<i>Polygonum cuspidatum</i>) (root), and Astaxanthin (<i>Haematococcus pluvialis</i>).		
† Daily Value not established.		

Other ingredients: Vegetable capsule (hypromellose, water), organic rice concentrate, microcrystalline



NeuroImmune Ingredient Index

Acetyl-L-carnitine: Derivative of L-carnitine, a compound that facilitates energy production in mitochondria and provides antioxidant protection^{47,49*}

Alpha-GPC: Patented choline donor and precursor to acetylcholine^{50,51}

Alpha-lipoic acid: Antioxidant that is able to regenerate endogenous antioxidants and scavenge metal ions and free radicals^{52*}

Astaxanthin: A fat-soluble carotenoid with unique cell membrane activity, antioxidant properties, and neuroprotective effects^{53*}

Beta glucan: Beta-1,3 and beta-1,6 glucan contain conserved patterns recognized by the immune system, which primes the body for an effective immune response to microbial challenges. Research has shown beta glucans may reduce upper respiratory symptoms and improve mood states in stressed individuals.^{86,87*}

Coenzyme Q10: Compound found in nearly every human cell that is essential for mitochondrial function and antioxidant protection^{56*}

Folate (as 5-MTHF): Necessary vitamin in the development and regulation of the nervous system, including the synthesis of neurotransmitters^{7-9*}

Elderberry: Contains a variety of bioactive constituents that provide antioxidant support and inhibit the replication of microbes.* Research has shown elderberry may boost immune defenses against microbial agents and support healthy cytokine expression.^{88,89*}

Ginkgo biloba extract: Consists of flavone glycosides, terpene trilactones (ginkgolides A, B, C), and ginkgolic acid (GA). Research shows constituents are involved in free radical scavenging, memory processing, and as antagonists of an immune activating mediator of the airways.^{90-92*}

Huperzine A: Slows the breakdown of the neurotransmitter acetylcholine by inhibiting the enzyme acetylcholinesterase^{13*}

L-cysteine: Rate-limiting amino acid required for glutathione²¹

L-methionine: Essential amino acid precursor to S-adenosyl-L-methionine (SAME), an important cofactor in the synthesis of the catecholamines^{14,15*}

L-theanine: Amino acid that acts as a glutamate receptor antagonist^{57*}

Magnesium: Cofactor for multiple mechanisms in the body including the production of serotonin and acting as a GABA agonist^{58*}

Melatonin: Antioxidant and hormone important for the regulation of the sleep-wake cycle^{70*}

Mixed tocopherols: Fat-soluble blend of vitamin E isoforms that are antioxidants with free radical scavenging properties^{59*}

Resveratrol (trans-resveratrol): Polyphenol antioxidant that supports blood sugar management^{61,62*}

Selenium: Micronutrient that helps to comprise selenoproteins; these proteins are crucial for brain function and for enzymes such as glutathione peroxidase^{22*}

Vitamin A: Fat-soluble vitamin important for retinal health, bone growth, and wound healing^{64*}

Vitamin D: Promotes antimicrobial peptide creation, immune cell migration to sites of immune activation, and elimination of foreign material that trigger an immune response.^{93*}

Vitamin D3: Fat-soluble vitamin that plays an important role in bone and immune health^{65*}

Vitamin E: Antioxidant that plays a role in neurological function and protection^{25,26*}

Vitamin K: Fat-soluble vitamin required for protein biosynthesis and enzymatic processes important for blood coagulation, cell growth, and

References on page 38.

NeuroImmune Product Overview

	Avipaxin	Calm G	ImmuWell	Kavinace OS
Clinical				
Anxiousness/Stress		•		
Cognition/Focused Attention	•		•	
Energy			•	
Immune	•	•	•	•
Mood			•	
Sleep				•
Biomarker**				
Acetylcholine	↑↑↑			
Epinephrine			↑	
Dopamine			↑	
Glutamate		↓↓↓		↓↓
Melatonin				↑↑↑
Norepinephrine			↑↑↑	
Serotonin				
Ingredients				
Acetyl-L-carnitine	•			
Alpha-GPC	•			
Alpha-lipoic acid		•		
Astaxanthin				•
Beta 1, 3/1, 6 D Glucan			•	
Black elderberry powder (<i>Sambucus nigra</i> L.)			•	
Coenzyme Q10		•		
Folate		•		
Ginkgo biloba L. extract			•	
Huperzine A	•			
L-cysteine		•		
L-methionine		•		
L-theanine		•		•
L-tyrosine			•	
Magnesium				•
Selenium		•		•
Vitamin C			•	
Vitamin D			•	
Zinc			•	•
Recommended Dosing				
Dosage Form	Capsules	Capsules	Capsules	Capsules
Available Sizes	90 Capsules	90 Capsules	90 Capsules	14 Capsules and 60 Capsules
Serving Size	3 Capsules	2 Capsules	3 Capsules	2 Capsules
Suggested Use (Do not exceed suggested use)	1-3 QD-BID	1-2 TID-QID	1-3 QD-BID	2 HS

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Serotonin/GABA

Serotonin and its receptors are an integral part of many physiological functions in the nervous, endocrine, and gastrointestinal systems.¹ Serotonin is important for regulating mood and sleep-wake function.² GABA is the primary inhibitory neurotransmitter in the brain important for calm and sleep.³⁻⁵

Products in this category may be recommended for:

- Anxiousness/Stress
- Mood
- Sleep

References

1. Berger M, et al. *Ann Rev Med.* 2009;60:355-66.
2. Monti J. *Sleep Med Rev.* 2011;15(4):269-81.
3. Gou Z, et al. *Dongwuxue Yanjiu.* 2012;33(E5-6):E75-81.
4. Mohler H. *Neuropharmacology.* 2012;62(1):42-53.
5. Saper C, et al. *Nature.* 2004;437(7063):1257-63.

Alpha GABA

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



Item	Size	Serving size	Servings/container
20057	90 Capsules	3 Capsules	30

Key Ingredients:

- L-theanine
- Ashwagandha (*Withania somnifera*) extract
- Passionflower (*Passiflora incarnata*) extract
- Lemon balm (*Melissa officinalis*) root extract
- 5-HTP (from *Griffonia simplicifolia* seed extract)
- L-tyrosine

Supplement Facts

Serving Size: 3 Capsules	
Servings Per Container: 30	
Amount Per Serving	% Daily Value
Vitamin B6 (as pyridoxal 5'-phosphate)	2 mg 118%
L-theanine	400 mg †
Ashwagandha extract (<i>Withania somnifera</i>) (root and leaf)†	250 mg †
Proprietary Blend	620 mg †
Passion flower extract (<i>Passiflora incarnata</i>) (aerial parts), Lemon balm extract (<i>Melissa officinalis</i>) (aerial parts), and L-tyrosine.	
† Daily Value not established. Not a significant source of sugar.	

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, organic rice concentrate, and silica.



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Alpha GABA PM

Researched blend of botanicals and 400 mg of L-theanine shown to induce calming brain waves and naturally improve sleep during times of stress*

Item	Size	Serving size	Servings/container
20042	60 Capsules	2 Capsules	30

Key Ingredients:

- L-theanine
- Melatonin
- Valerian (*Valeriana officinalis*) root extract (Valerenic acids 0.8%)
- Lemon balm (*Melissa officinalis*) leaf extract
- 5-HTP (from *Griffonia simplicifolia* seed extract)



GABA Trex

Chewable tablets containing L-theanine, an amino acid shown to reduce stress*

Item	Size	Serving size	Servings/container
20025	60 Tablets	2 Tablets	30

Key Ingredients:

- L-theanine

Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 30

Amount Per Serving	% Daily Value
L-theanine	400 mg †
Melatonin	3 mg †

Proprietary Blend 530 mg †
Valerian extract (*Valeriana officinalis*) (root) (0.8% valerenic acids), Lemon balm extract (*Melissa officinalis*) (leaf), and 5-hydroxytryptophan (from *Griffonia simplicifolia* seed extract).

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), organic rice concentrate, and silica.



Supplement Facts

Serving Size: 2 Tablets
Servings Per Container: 30

Amount Per Serving	% Daily Value
Calories	10
Total Carbohydrate	2 g <1%*
Total Sugars	0 g †
Xylitol	2 g †
L-theanine	200 mg †

* Percent Daily Values are based on a 2,000 calorie diet.

† Daily Value not established.

Not a significant source of added sugars.

Other ingredients: Stearic acid, citric acid, stevia extract (*Stevia rebaudiana*) (leaf) (Rebaudioside A), silica, natural grape flavor, and magnesium stearate.





Serene

Contains a blend of ingredients important for mood and sleep-wake function*

Item	Size	Serving size	Servings/container
2014	60 Capsules	1 Capsule	30



SeroTrex

Chewable tablets with ingredients important for mood and reducing stress*

Item	Size	Serving size	Servings/container
20026	60 Tablets	2 Tablets	30

Key Ingredients:

- 5-HTP (from *Griffonia simplicifolia* seed extract)
- Vitamins B and C

Key Ingredients:

- 5-HTP (from *Griffonia simplicifolia* seed extract)
- L-theanine

Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 60

Amount Per Serving	% Daily Value
Vitamin C (as ascorbic acid)	300 mg 333%
Vitamin B6 (as pyridoxal 5'-phosphate)	2.5 mg 147%
Folate (L-5-methyltetrahydrofolate, calcium salt*)	240 mcg DFE 60%
Calcium (as calcium citrate)	74 mg 6%
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	100 mg †

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), magnesium stearate (vegetable source), and microcrystalline cellulose.



Supplement Facts

Serving Size: 2 Tablets
Servings Per Container: 30

Amount Per Serving	% Daily Value
Calories	10
Total Carbohydrate	2 g <1%*
Total Sugars	0 g †
Xylitol	2 g †
L-theanine	200 mg †
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	60 mg †

* Percent Daily Values are based on a 2,000 calorie diet.

† Daily Value not established.

Not a significant source of added sugars.

Other ingredients: Stearic acid, natural orange flavor, citric acid, magnesium stearate, and stevia extract (*Stevia rebaudiana*) (leaf) (Rebaudioside A).





TravaCor

Best Seller

Contains a blend of ingredients shown to improve mood and reduce stress*



TravaGen

Contains a blend of ingredients important for mood and reducing stress*

Utilizes L-tryptophan to provide gentler conversion to serotonin compared to 5-HTP*

Item	Size	Serving size	Servings/container
20014	60 Capsules	3 Capsules	20
2037	120 Capsules		40

Item	Size	Serving size	Servings/container
20056	120 Tablet	3 Tablets	40

Key Ingredients:

- Taurine
- L-theanine
- 5-HTP (from *Griffonia simplicifolia* seed extract)
- Vitamins B and C

Key Ingredients:

- L-tryptophan
- Taurine
- L-theanine
- Vitamins B and C

Supplement Facts		
Serving Size: 3 Capsules		
Servings Per Container: 20		
Amount Per Serving	% Daily Value	
Vitamin C (as ascorbic acid)	40 mg	44%
Vitamin B6 (as pyridoxal 5'-phosphate)	9 mg	529%
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	384 mcg DFE	96%
Vitamin B12 (as methylcobalamin)	30 mcg	1250%
Magnesium (as magnesium bisglycinate)	50 mg	12%
Zinc (as zinc bisglycinate chelate)	10 mg	91%
Selenium (as L-selenomethionine)	70 mcg	127%
Proprietary Blend	950 mg	†
L-tryptophan, L-tryptophan, and L-5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract).		

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), microcrystalline cellulose, organic rice concentrate, magnesium stearate (vegetable source), and dicalcium phosphate.



Supplement Facts		
Serving Size: 3 Tablets		
Servings Per Container: 40		
Amount Per Serving	% Daily Value	
Vitamin C (as ascorbic acid)	40 mg	44%
Niacin (from L-tryptophan)	25 mg NE	156%
Vitamin B6 (as pyridoxal 5'-phosphate)	9 mg	529%
Folate (as L-5-methyltetrahydrofolate, calcium salt†)	360 mcg DFE	90%
Vitamin B12 (as methylcobalamin)	30 mcg	1250%
Calcium (from dicalcium phosphate)	75 mg	6%
Phosphorus (from dicalcium phosphate)	60 mg	5%
Zinc (from zinc bisglycinate chelate)	6 mg	55%
Selenium (from L-selenomethionine)	7 mcg	13%
Proprietary Blend	1.95 g	†
L-tryptophan, L-tryptophan, and L-tryptophan.		

† Daily Value not established.

Other ingredients: Microcrystalline cellulose, hydroxypropyl methylcellulose, hydroxypropyl cellulose, croscarmellose sodium, stearic acid, magnesium stearate (vegetable capsule), silica, and glycerin.



References on page 38.

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Serotonin/GABA Ingredient Index

5-HTP (5-hydroxytryptophan): Crosses the blood-brain barrier and is the precursor to serotonin and melatonin¹

Ashwagandha: Sensoril is backed by 12 clinical studies and has been shown to significantly reduce stress and anxiousness^{83*}

Calcium: A mineral that is important for synaptic transmission in the nervous system^{67*}

Folate (as 5-MTHF): Necessary vitamin in the development and regulation of the nervous system, including the synthesis of neurotransmitters^{7-9*}

Lemon Balm: Botanical shown to inhibit the enzyme GABA transaminase *in vitro*, which may increase levels of GABA in the brain^{68*}

L-theanine: Amino acid that acts as a glutamate receptor antagonist^{57*}

L-tryptophan: Essential amino acid precursor to serotonin and melatonin. L-tryptophan provides gentler conversion to serotonin compared to 5-hydroxytryptophan (5-HTP) as the rate-limiting step in the synthesis of serotonin is the conversion of L-tryptophan to 5-HTP^{1,69*}

Magnesium: Mineral found in the body that is important for neurotransmitter release and energy metabolism^{37*}

Melatonin: Hormone important for the regulation of the sleep-wake cycle^{70*}

Passionflower: Botanical shown to bind to the GABA site of GABA-A receptors that are essential for down-regulating the hypothalamic-pituitary-adrenal (HPA) axis^{84,85*}

Selenium: Micronutrient that helps to comprise selenoproteins; these proteins are crucial for brain function and for enzymes such as glutathione peroxidase^{22*}

Taurine: Neuroprotective amino acid that provides antioxidant protection and demonstrates GABA-A agonist activity^{43-45*}

Valerian root: Both *in vitro* and *in vivo* studies demonstrate valerian extracts modulate GABA-A receptors^{71-74*}

Vitamin B12: This vitamin is essential in the development and function of the nervous system and the formation of neurotransmitters^{46*}

Vitamin B6: This vitamin is an essential cofactor in the synthesis of neurotransmitters^{23*}

Vitamin C: This vitamin acts as an essential cofactor in the synthesis of neurotransmitters^{24*}

Zinc: Essential micronutrient that is important for synaptic plasticity and is commonly found within neurons in the cerebral cortex^{27*}

Serotonin/GABA Product Overview

	Alpha GABA	Alpha GABA PM
Clinical Indication		
Anxiousness/Stress	•	•
Mood		
Sleep		•
Biomarker**		
GABA	↑↑	↑↑
Glutamate	↓↓↓	↓↓↓
Serotonin		↑
Taurine		
Ingredients		
5-HTP		•
Ashwagandha	•	
Calcium		
Folate		
L-theanine	•	•
L-tryptophan		
Lemon balm	•	•
Magnesium		
Melatonin		•
Passionflower	•	
Selenium		
Taurine	•	
Valerian root		•
Vitamin B12		
Vitamin B6	•	
Vitamin C		
Zinc		
Description		
Dosage Form	Capsules	Capsules
Available Sizes	90 Capsules	60 Capsules
Serving Size	3 Capsules	1-2 Capsules
Suggested Use (Do not exceed suggested use)	2-3 BID	1-2 HS

** The number and direction of the arrows reflect the precursor potential for metabolic end products and/or the mechanisms of action of select ingredient relationships as compared to other NeuroScience products. Please refer to the Product Quick Reference Guide for more information.

	GABA Trex (Chewable)	Serene	SeroTrex (Chewable)	TravaCor	TravaGen
Clinical					
Anxiousness/Stress	•		•	•	•
Mood		•	•	•	•
Sleep	•	•	•	•	•
Vasomotor					
Biomarker**					
GABA					
Glutamate	↓		↓	↓↓	↓↓
Melatonin					
Serotonin			↑	↑↑↑	↑
Taurine				↑↑↑	↑↑
Ingredients					
5-HTP		•	•	•	
Ashwagandha					
Black cohosh					
Blueberry fruit extract					
Calcium		•			
Folate		•		•	•
L-theanine	•		•	•	•
L-tryptophan					•
Magnesium				•	
Melatonin					
Sceletium					
Selenium				•	•
Taurine				•	•
Vitamin B12				•	•
Vitamin B6		•		•	•
Vitamin C		•		•	•
Zinc				•	•
Description					
Dosage Form	Chewable Tablets	Capsules	Chewable Tablets	Capsules	Capsules
Available Sizes	60 Tablets	60 Capsules	60 Tablets	60 and 120 Capsules	120 Capsules
Serving Size	2 Tablets	1 Capsule	2 Tablets	3 Capsules	3 Capsules
Suggested Use (Do not exceed suggested use)	1-2 QD-TID	1 QD-BID	1-2 QD-BID	1-3 QD-BID	1-3 QD-BID

** The number and direction of the arrows reflect the precursor potential for metabolic end products and/or the mechanisms of action of select ingredient relationships as compared to other NeuroScience products. Please refer to the Product Quick Reference Guide for more information.

Integrations

To better connect the dots between bodily systems and complement existing targeted support, we introduce the Integrations product category. With formulations designed to further develop strong personalized foundations that comprehensively supplement for the wellbeing of each individual patient.

Products in this category may be recommended for:

- Age specific methylation support
- Genetic predisposition (SNPs)
- Individualizing patient profiles



Methyl FMT

New Product

Fundamental methylation support and complete cofactor fuel designed for the entire family, from genetics and mood to healthy homocysteine*

Item	Size	Serving size	Servings/container
20062	60 Capsules	2 Capsules	30

Key Ingredients:

- Trimethylglycine
- Folate
- Magnesium
- Niacin
- Vitamin B6
- Vitamin B12
- Zinc

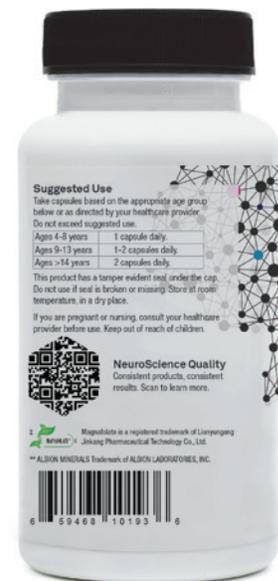
Supplement Facts

Serving Size: 2 Capsules
Servings Per Container: 30

Amount Per Serving		% Daily Value
Riboflavin (as riboflavin 5'-phosphate)	25 mg	1923%
Niacin (as niacinamide)	8 mg NE	50%
Vitamin B6 (as pyridoxal 5'-phosphate)	10 mg	588%
Folate (L-5-methyltetrahydrofolate, calcium salt†)	400 mcg DFE	100%
Vitamin B12 (as methylcobalamin)	500 mcg	20833%
Magnesium (as magnesium bisglycinate chelate**)	25 mg	6%
Zinc (as zinc bisglycinate chelate**)	3 mg	27%
Trimethylglycine (as betaine anhydrous)	700 mg	†

† Daily Value not established.

Other ingredients: Vegetable capsule (hypromellose, water), silica, and magnesium stearate (vegetable source).



Suggested Use

Take capsules based on the appropriate age group below or as directed by your healthcare provider. Do not exceed suggested use.

Ages 4-8 years 1 capsule daily
Ages 9-13 years 1-2 capsules daily
Ages >14 years 2 capsules daily

This product has a tamper evident seal under the cap. Do not use if seal is broken or missing. Store at room temperature, in a dry place.

If you are pregnant or nursing, consult your healthcare provider before use. Keep out of reach of children.

NeuroScience Quality
Consistent products, consistent results. Scan to learn more.

Magnesium is a registered trademark of Cansheng
Mineral X, Jinkang Pharmaceutical Technology Co., Ltd.
** ALBION MINERALS trademark of ALBION LABORATORIES, INC.

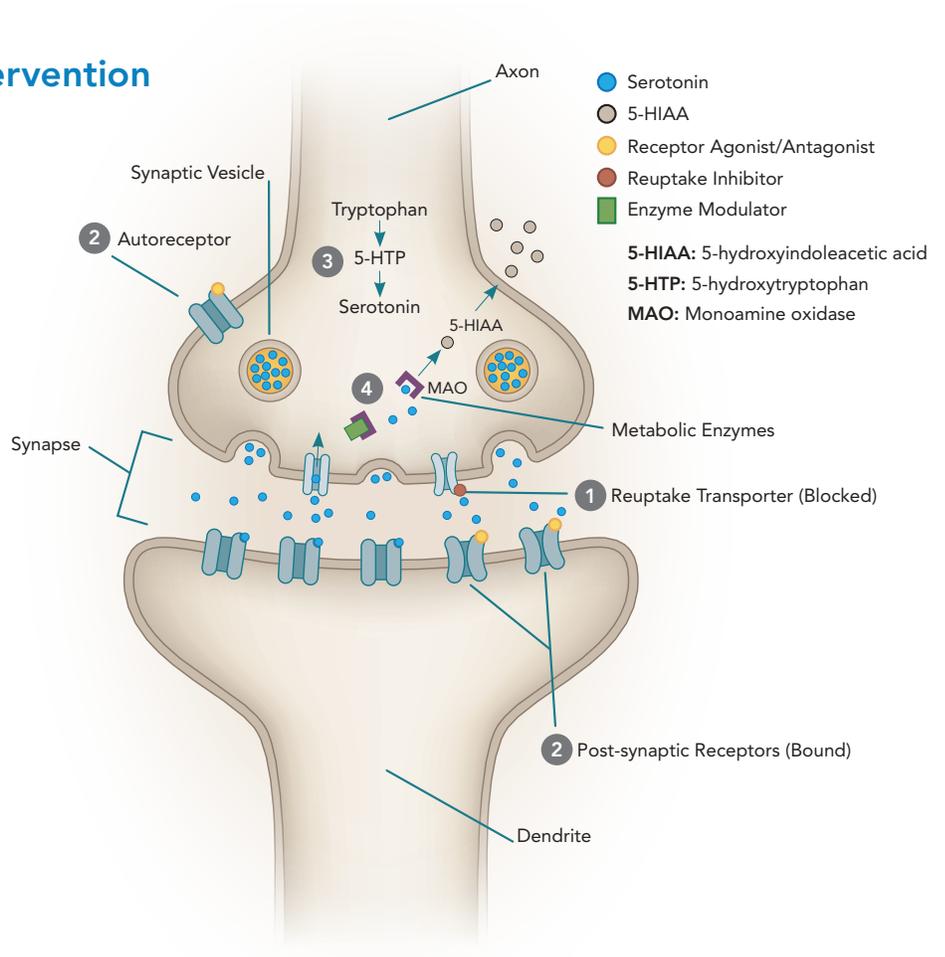


*These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure or prevent any disease.

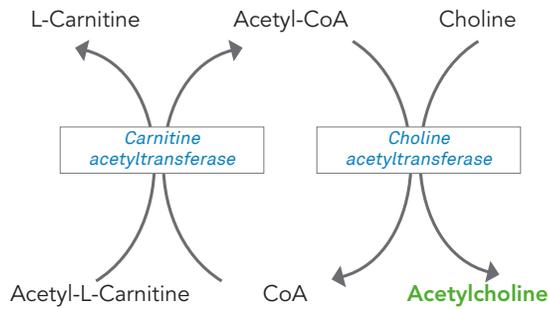
Pathway Biochemistry Guide

Biochemical Methods of Intervention

- 1 Reuptake Inhibitors**
block the action of transporters that move neurotransmitters from the synapse back into the presynaptic neuron.
- 2 Receptor Agonists**
mimic the effects of neurotransmitters on receptor binding sites.
Antagonists inhibit the effects.
- 3 Amino acid precursors**
are the biochemical predecessors to neurotransmitters.
- 4 Enzyme modulators**
alter the actions of specific enzymes.

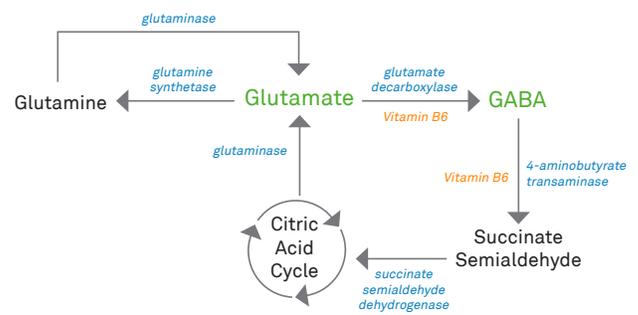


Acetylcholine Pathway



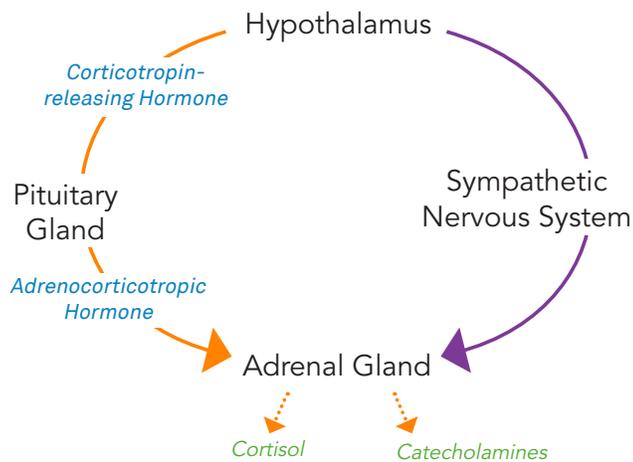
Green = Biomarker Blue = Enzyme

Glutamate/GABA Pathway



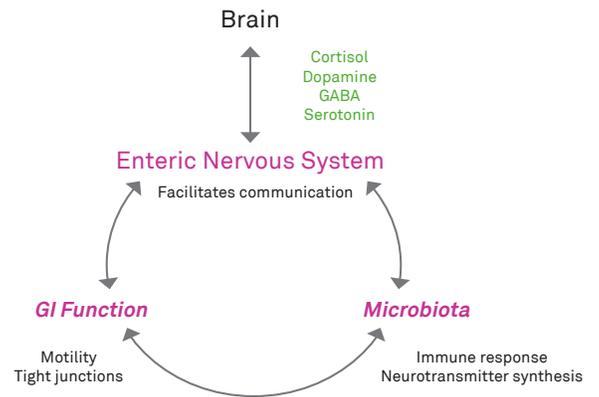
Green = Biomarker Blue = Enzyme Orange = Cofactor

Adrenal Pathway



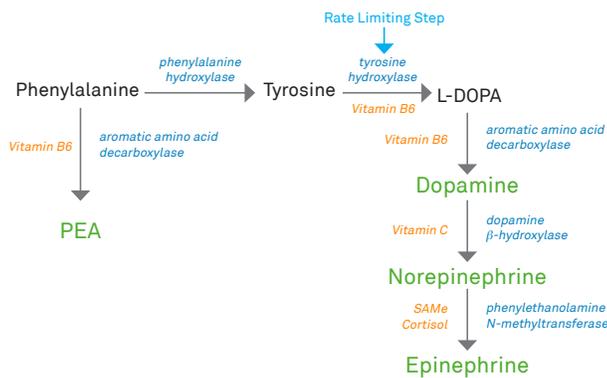
Blue = Hormone
Green = Biomarker
Red = Immune System
Gray = Parasympathetic
Purple = Sympathetic
Orange = Hypothalamic-Pituitary-Adrenal (HPA) axis

Gut-Brain Connection



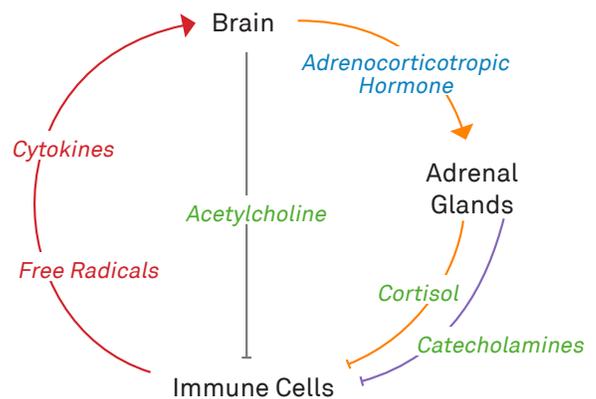
Green = Biomarker

Catecholamine Pathway



Green = Biomarker Blue = Enzyme Orange = Cofactor

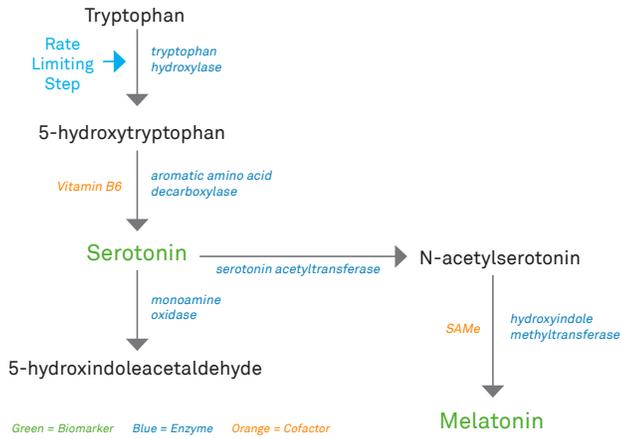
NeuroImmune Pathway



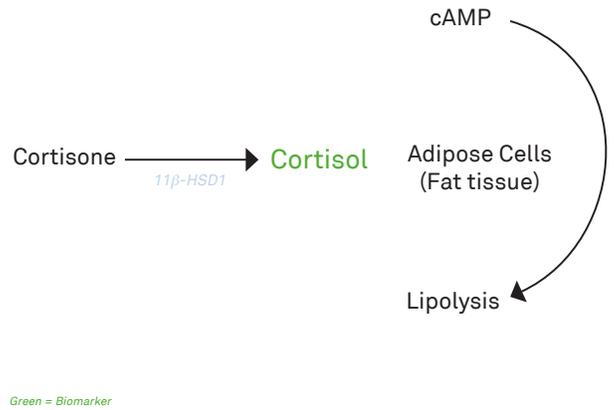
Blue = Hormone
Green = Biomarker
Red = Immune System
Gray = Parasympathetic
Purple = Sympathetic
Orange = Hypothalamic-Pituitary-Adrenal (HPA) axis

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Tryptophan Pathway



Weight Management



NeuroScience Quality Management System

Consistent products, consistent results



Scientific Research

We formulate based on published scientific journals and clinical studies that discuss safe and effective ingredients as well as the amount necessary for positive outcomes.

Ingredients

We audit our manufacturers to ensure ingredients meet our specifications for purity and strength.

Manufacturers

We use FDA-inspected facilities located in the United States that are cGMP (Current Good Manufacturing Practices) compliant.

Finished Product Testing

We contract laboratories to independently verify the purity, strength, and composition as well as test for microbiological, heavy metal, and chemical contaminants.



*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.

NeuroSelect Technology

NeuroSelect is a NeuroScience healthcare provider-exclusive interactive technology formulated to streamline supplement selection, all without personal health information.

NeuroSelect offers five approaches for NeuroScience product selection

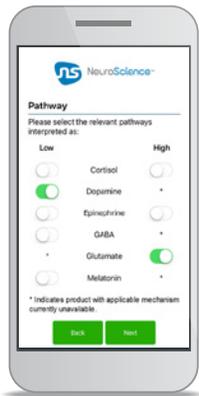
QR Scanner

- ✓ NeuroSelect App



Pathway

- ✓ NeuroSelect App
- ✓ NeuroScience website



Start with Sleep

- ✓ NeuroSelect App
- ✓ NeuroScience website



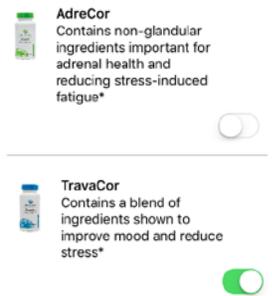
Clinical Indications

- ✓ NeuroSelect App
- ✓ NeuroScience website



Build Your Own

- ✓ NeuroSelect App
- ✓ NeuroScience website



Also available on our website www.neuroscienceinc.com



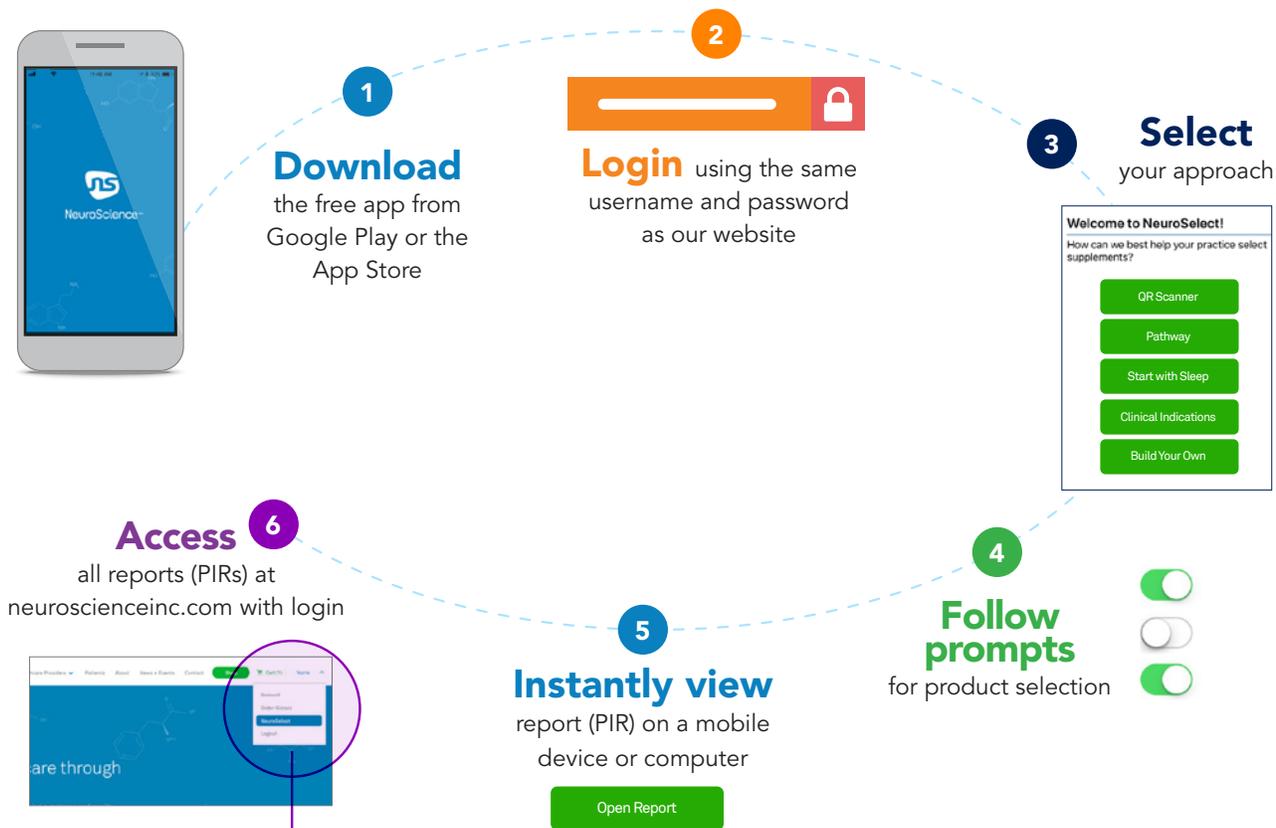
Scan to download the free NeuroSelect app

Available on Google Play and the App Store



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How it works



Product Information Request (PIR)

NeuroScience (888) 342-7272

Product Information Request ID #38357788

Healthcare Provider: NeuroScience, 930 239th St, Dresher, Wisconsin 54009

Requested for: Sex: Female, Age: 22

Pathways	Gamma Glutamate Serotonin Taurine	Dopamine Epinephrine Histamine Norepinephrine Cortisol	Dopamine Epinephrine Norepinephrine
Serving Size	●●●○	●●●○	●●●○
Suggested Use***	Take 1-3 capsules one to two times daily or as directed by your healthcare provider	Take 1-3 capsules one to two times daily or as directed by your healthcare provider	Take 1-2 capsules one to two times daily or as directed by your healthcare provider
Additional Information	Contains a blend of ingredients shown to improve mood and reduce stress** Product Alternative: Serotix chewable tablets	Contains non-glandular ingredients important for adrenal health and reducing stress-induced fatigue** Product Alternative: TyroCell or Calm PRT	Contains ingredients important for the synthesis of dopamine, a catecholamine important for positive affect, mood, cognition, and craving control*
Key Ingredients	TravaCor Taurine Neuroprotective amino acid that provides antioxidant protection and modulates GABA-dependent activity.*** GABA is the primary inhibitory neurotransmitter in the brain responsible for calm and sleep. L-theanine Amino acid that acts as a glutamate receptor antagonist.*** Glutamate signaling underlies mechanisms related to attention and stress.*** In a randomized, double-blind, placebo-controlled study, L-theanine was shown to significantly reduce stress.***	L-methionine Precursor to S-adenosyl-L-methionine (SAMe). SAMe is directly involved in methyltransferase reactions including catecholamine synthesis. L-tyrosine Precursor to catecholamines including dopamine, norepinephrine, and epinephrine. Rhodiola rosea root extract 5% rosmarinic Adaptogen that has been shown to reduce stress-induced effects.*** In a randomized, double-blind, placebo-controlled study,	N-acetyl-L-cysteine Precursor to L-cysteine. L-cysteine is required for the synthesis of glutathione, an endogenous antioxidant. N-acetyl-L-tyrosine L-tyrosine is precursor to catecholamines including dopamine, norepinephrine, and epinephrine. Mucuna cochinchinensis seed extract (DOPA-L-DOPA) Natural source of DOPA, L-DOPA (dopamine), the blood-borne form of L-tyrosine, the direct

Reports in a simple and professional format

- Selected products based on the criteria provided
- Pathway
- Serving Size and Suggested Use
- Additional Information
- Key Ingredients

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Product Ordering

Online

www.neuroscienceinc.com (login required)

Call Us

Customer Service can be reached at 888-342-7272
Monday - Friday 8:00 a.m. to 5:00 p.m. (CT)

NeuroScience Internet Reseller Policy

NeuroScience is a "professional only" brand. Please see our Product Resale Agreement on our website for guidelines.

NeuroScience Product Return Policy

NeuroScience stands behind the quality of its products. If you do have a return, please contact customer service for our policy and approval.

Product Shipping

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Orders received by 3:00 p.m. CT are shipped that day.

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- Shipping is free for orders over \$100.00
- Orders under \$100.00 will be charged a \$12.00 flat rate (AK & HI \$12.00)

All orders are sent FedEx with guaranteed delivery within 3 business days. Expedited shipping is available upon request; appropriate charges will apply.

International Shipping

Canada

NeuroScience cannot ship products to Canada.

Other Countries

Available upon request; appropriate charges will apply. All duties and taxes are the customer's responsibility.

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