

NeuroBiota

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

- ✓ Room temperature stable
- ✓ Acid resistant capsule to protect against stomach acidity*
- ✓ Unique, mood-boosting strains^{1,2*}
- ✓ Moisture-decreasing glass bottle



Key Ingredients

Lactobacillus paracasei HA-196

- Research shows *L. paracasei* HA-196 positively impacted **bowel movement regularity** and consistency, promoting healthy stool^{22*}

Lactobacillus rhamnosus GG

- Demonstrates protective effects on **epithelial barrier function** against an **unbalanced microbiota** in multiple sets of data^{5,6*}

Lactobacillus helveticus Rosell®-52

- Research shows *L. helveticus* Rosell®-52 and *B. longum* Rosell®-175 (Cerebiome®) **improved mood and median cortisol levels**^{1*}

Bifidobacterium animalis ssp. *lactis* LAFTI® B94

- Synergistic activity with **inulin**, reduced feelings of **abdominal discomfort and bloating** and displayed protective effects against **opportunistic pathogens** to promote feeling balanced^{20,21*}

Lactobacillus brevis HA-112

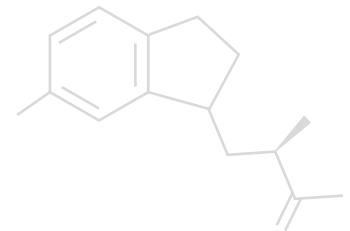
- Demonstrates the most significant **GABA production** compared to 91 strains^{2*}

Bifidobacterium longum Rosell®-175

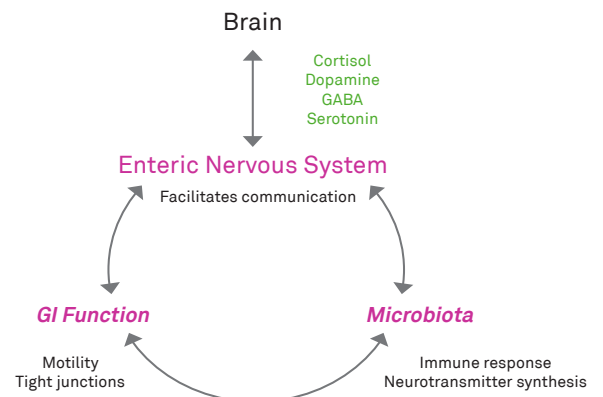
- Quality of life questionnaires revealed participants felt **more energetic and less tired** with supplementation^{22*}

The Science

- The brain receives neurotransmitters synthesized in the gut and promotes gut health through **motility, immune health, and tight junction function**⁶⁻⁹
- The enteric nervous system contains **5x** as many neurons as the spinal cord and helps relay messages from the brain to the gut⁸⁻¹⁰
- Proper gut health promotes **balanced immune function, healthy neurotransmitter production**, and improved digestion⁸



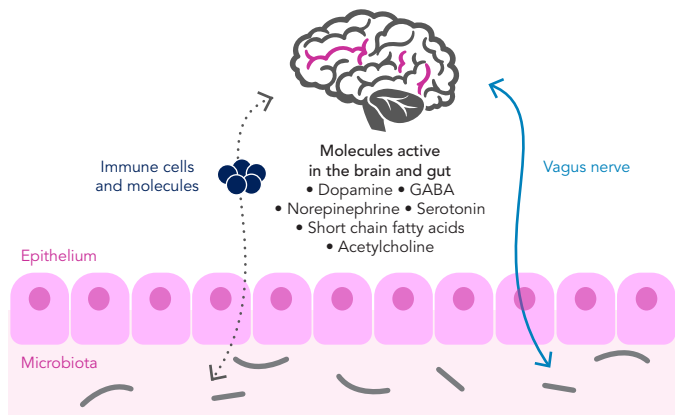
The Gut-Brain Connection



*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 NEUROBIOTA

Figure 1. Neurotransmitters and the Gut



The microbiota helps regulate neurotransmitter synthesis and gut health

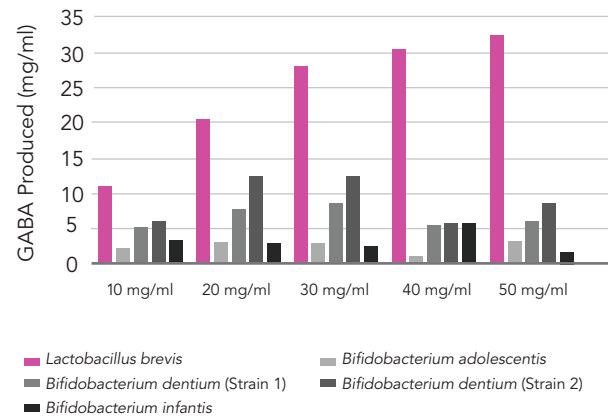
The gut creates and stores a significant number of neurotransmitters and neurotransmitter receptors¹²

- The gut contains more than 90% of the body's serotonin and more than 50% of the body's dopamine¹³
- GABA receptors along the gastrointestinal tract help modulate gut motility, gastric emptying, and immune function^{13,14}

A properly balanced microbiota is essential to promote general GI health and neurotransmitter levels^{15,16}

- The microbiota regulates key neurotransmitter levels including GABA, norepinephrine, dopamine, and serotonin¹⁶
- Conversely, a poor microbiota can directly impact serotonin migration to the brain and expression of brain-derived neurotrophic factor (BDNF) as seen *in vivo*^{17,18}

Figure 2. Probiotic Strain by Production of GABA



Benefits of Specific Strains in NeuroBiota

Certain probiotics influence neurotransmitter production and emotional well-being more than other strains

- Of the 91 strains tested, only 5 produced GABA, and *L. brevis* produced the most GABA (Fig. 2)^{2,13*}
- Research shows *L. paracasei* HA-196 and *B. longum* Rosell®-175 were shown to **increase emotional well-being and social functioning** after 8 weeks^{22*}

Including a variety of probiotic strains can help to improve the immune response and gut integrity^{3,4*}

- Research shows that a postbiotic created by *L. rhamnosus* (GG) helped modulate **intestinal barrier function** by **regulating immune factors** like TNF- α ^{19*}
- *L. helveticus* Rosell®-52 and *B. longum* Rosell®-175 (Cerebiome®) improved feelings of **nausea and abdominal discomfort** during times of stress^{23*}

NeuroBiota contains a unique probiotic blend to help populate the microbiota with specific strains important for emotional well-being^{1*}



Find the right supplement with NeuroSelect

Learn more at www.neuroselect.com

Item Number	Available Sizes	Serving Size
20049	30 Capsules	1 Capsule

Third party tested to deliver consistent quality trusted by healthcare providers for 25 years

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