



# MYBYOME™

## #366 Neuro Byome (Gut-Brain Axis Probiotic)



### ▼ INGREDIENTS

Supplement Facts	
Serving Size: 2 capsules; Servings per container: 30	
Amount Per Serving	% Daily Value
<b>Proprietary Probiotic Blend</b> ..... 30 billion	
Lactiplantibacillus plantarum	Lactobacillus delbrueckii
Bifidobacterium adolescentis	Bifidobacterium breve
Faecalibacterium prausnitzii MS07	Bacteroides fragilis MS08
Lactobacillus acidophilus	Enterococcus faecium
Lactobacillus bulgaricus	Lactocaseibacillus casei
Lactobacillus farciminis MS10	Ligilactobacillus salivarius
Propionibacterium shermanii	Lactobacillus gasserii
Lactobacillus helveticus Rosell-52™	Bifidobacterium bifidum
Bifidobacterium longum Rosell-175™	Parabacteroides distasonis

\* Daily Value not established.  
Other Ingredients: Acacia Gum, Cellulose, Leucine and Silica.  
\*\* From Cerebiome®

### ▼ DOSAGE

- 1-2 capsules daily, with or without food, or as directed.

### ▼ PACKAGING

- 60 capsules/eco-bottle.

### ▼ PERSPECTIVE

The intestinal microbiome plays a major role in brain health. Both psychiatry and natural health sciences have quickly applied gut microbiome research toward improved neurological health. The gut-brain and brain-gut communication system is vitally important to overall neurological and immune functions including mood, as well as emotional stability and immunological health. Psychobiotic species like *Lactobacillus* and *Bifidobacterium* spp. can produce g-aminobutyric acid (GABA); *Escherichia*, *Bacillus*, and *Saccharomyces* spp. can produce noradrenaline; *Candida*, *Streptococcus*, *Escherichia*, and *Enterococcus* spp. can produce serotonin; *Bacillus* can produce dopamine; and *Lactobacillus* can produce acetylcholine metabolites for normal neurological activities, positive mood, and overall health.

### ▼ LIFESTYLE



## #366 Neuro Byome (Gut-Brain Axis Probiotic)

Amazing research into our behavior, well-being and mood has been linked to our microbiome. In an unprecedented way, we brought together a formulation that includes all the key probiotics found in the current psychobiotic research. Each of these probiotics has the potential to positively influence the natural state of well-being and neurological health. In a patent pending process, we have combined, stabilized and grown these human based probiotics. Neuro Byome is a powerful Gut-Brain axis tool.

### ▼ INDICATIONS

- Healthy intestinal microbiome support
- Microbiome support of normal neurological health
- Microbiome support of normal neurotransmitter activities
- Intestinal introduction of beneficial probiotic species
- Healthy immunological activities

### ▼ KEY COMPONENTS

- **Enterococcus faecium** – A gram positive probiotic species that produces beneficial lactic acid that competes with harmful organisms for adhesion sites in the intestines.
- **Faecalibacterium prausnitzii** – A gram-positive, rod bacteria long considered commensal, but now a new generation probiotic producing functional metabolites. Low levels are often found in people suffering from GI issues and depression.
- **Bifidobacterium adolescentis** – Both *Bifidobacterium* and *Faecalibacterium* interact with *Bacteroidetes*. Moreover, *Bifidobacterium* produces acetate to protect the host from infection and it feeds *Faecalibacterium*.
- **Lactiplantibacillus plantarum** – Scientific studies have identified this psychobiotic species as one that supports the body's normal stress response.
- **Lactobacillus acidophilus** – This species has many beneficial roles, including the regulation of enteric nervous system behavior.
- **Lactobacillus helveticus** – In studies, this psychobiotic species excelled in supporting a balanced psychological state and improving problem-solving capabilities in the human subjects.
- **Bifidobacterium longum** – In clinical trials with people suffering from anger, hostility, anxiety, and depression, this psychobiotic species excelled in supporting the body's normal neurotransmitter balance.
- **Bifidobacterium bifidum** – This famous psychobiotic species supports normal natural inflammatory activities of the intestines and brain.
- **Lactobacillus bulgaricus** – Has shown decreased activity in a functional network associated with emotional, somatosensory, and interoceptive processing, including the somatosensory cortex, the insula, and the periaqueductal gray.
- **Lactocaseibacillus casei** – A psychobiotic (probiotic) species with research denoting support of insulin sensitivity as well as elevation of glutathione.

- **Lactobacillus gasserii** – Studies abound regarding stress support, cortisol balance, and sleep processes that are dependent on this species for neuron-activity balance.
- **Propionibacterium shermanii** - A unique probiotic with binding capacities for aflatoxin and dysbiotic causing organisms.
- **Parabacteroides distasonis** - The succinate and secondary bile acids produced by *P. distasonis* play key roles in the modulation of host metabolism, thus could exert protective effects against certain neurological and metabolic function.
- **Bifidobacterium breve** - Keystone organism for brain health, often found deficient in the G.I. when studying neurologically associated conditions.
- **Bacteroides fragilis** - Administering this beneficial bacterium can provide support to physiological, neurological, and immunological anomalies.
- **Ligilactobacillus salivarius** - Studies have found that this probiotic can have a positive affect on mood and daily stress.
- **Lactobacillus farciminis** - Prevented stress-induced hypersensitivity or reduced the excitability of enteric neurons in models of mice colitis or of gut dysfunction.

### ▼ CONTRAINDICATIONS

None when used as directed.

### ▼ CLINICIAN CONSENSUS

- **Neuro Byome Support**  
#366 Neuro Byome - Gut-Brain Axis Probiotic

### ▼ BACKGROUND

Dr. Shayne Morris, a micro- and cellular-biologist, developed this patented, human Next Generation probiotic (NGP) formula based on the latest scientific studies about the gut-brain axis and the critical role that probiotics play in overall brain health and function. Certain probiotic species in the intestinal milieu directly support brain and neurological processes and can serve overall well-being via their presence and metabolic products. This formula supports biodiversity species often lacking in people with altered mood, immune, and neurotransmitter functions. Science demonstrates that the brain's neurotransmitter cascades depend upon probiotic communications to maintain equanimity in its self-regulatory processes that impact mood and set-point of normal inflammation activities. Here is a powerful clinical tool to directly support the gut-brain axis.

### ▼ SYNERGISTIC CONSIDERATIONS

- #367 Neuro Pre-Byome - Gut-Brain Axis Prebiotic

### ▼ INFORMATION RESOURCES

- [www.mybyome.com](http://www.mybyome.com)

Quality Control: All herbal ingredients are tested before use for: microbes, heavy metals/contaminants, and assurance of correct genus/species.

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MYBYOME™  
801-866-9951