

MEGASpore



SUPPLEMENT FACTS	
Serving Size 2 Capsules Servings Per Container 30	
Amount Per Serving	% Daily Value
Proprietary Probiotic Blend	295 mg † 4 Billion CFU
<i>Bacillus indicus</i> , HU36™	†
<i>Bacillus subtilis</i> , HU58™	†
<i>Bacillus coagulans</i> (SC-208)	†
<i>Bacillus licheniformis</i> (SL-307)	†
<i>Bacillus clausii</i> (SC-109)	†
† Daily values not established.	
OTHER INGREDIENTS: Cellulose, vegetable capsule (cellulose and water).	

Mechanisms of Action:

- Reconditions the gut by **increasing microbial diversity**
- **Bacillus spores compete with pathogens** for space and nutrients and produce antibiotic compounds
- **Encourages the growth of key, health-promoting bacteria** such as Akkermansia muciniphila, Lactobacillus, Bifidobacterium, Faecalibacterium prausnitzii, and more
- **Maintains healthy gut barrier** and immune system
- **Supports tight junction proteins**
- **99.9% survival during digestion** and does not need to be refrigerated
- **5 human commensal Bacillus strains** that are found in a healthy human gut and colonize the GI tract
- **May increase butyrate production by up to 40%**
- Gut Model study demonstrates a nearly **30% shift in microbiota population** with continuous administration of our bacillus spores
- First 100% spore-based probiotic clinically shown to **improve leaky gut by 60% in just 30 days**

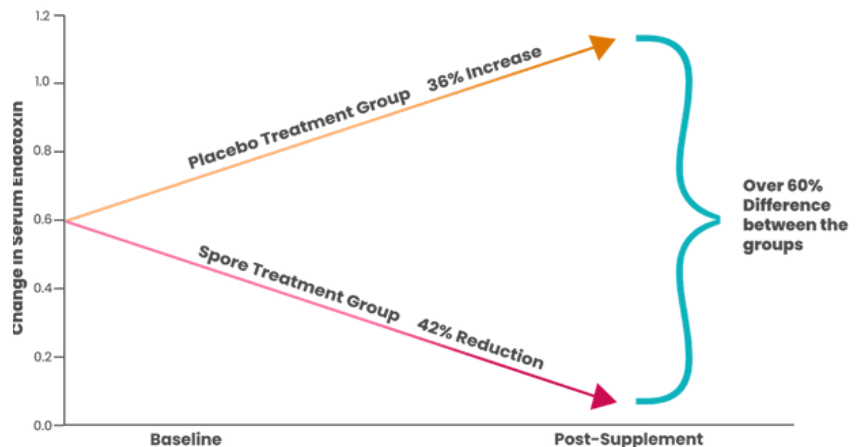
Ideal Patients:

Patients with -

- **Dysbiosis and intestinal permeability**
- **Metabolic Endotoxemia**
- Digestive issues
- **Need for assistance with detoxification**
- **Low gut-brain connection**
- Need for liver support
- **Elevated triglyceride levels**
- Need for innate and adaptive immunity
- Low metabolic health

30-Day supplementation with MegaSpore resulted in:

42% reduction in circulating LPS following a high-fat meal, 24% reduction in triglyceride levels (36% reduction in 90-days), improved gut brain connection and metabolic markers.



Pairs well with any gut protocol.



Submit a Manuscript: <http://www.wjgpub.com> World J Gastrointest Pathophysiol 2017 August 15; 8(3): 117-126
 DOI: 10.4291/wjgp.v8.i3.117 ISSN 2150-5330 (online)

Prospective Study
Oral spore-based probiotic supplementation was associated with reduced incidence of post-prandial dietary endotoxin, triglycerides, and disease risk biomarkers

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99.99%
Survivability

60% ↓
Reduction in Leaky Gut

65% ↑
SCFA Production

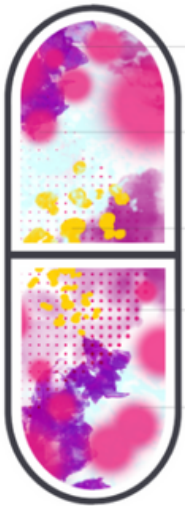
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Peer Reviewed Studies

MEGASpore



Let's take a deeper look at each of the 5 different probiotic players:

Bacterial spores are dormant life forms that can exist in a desiccated and dehydrated state indefinitely. Each spore-forming strain has its own unique set of benefits.



- **Bacillus Indicus, HU36:** potent **immune stimulation**, produces carotenoids (lycopene, astaxanthin, beta-carotene, & lutein) at the site of absorption, most **effective antioxidant** probiotic strain on the market
- **Bacillus Subtilis, HU58:** produces over **24 antibiotics**, strongest competitor, produces nattokinase & K2, shown to **lower II-6 & TNF-a**, highly important for immune development - GALT, strong production of SCFA's
- **Bacillus Coagulans (SC-208):** produces L+optical form of lactic acid, increases nutrient absorption by **producing digestive enzymes**, increases absorption of BCAA's, **improves peristalsis**, reduces inflammatory metabolites
- **Bacillus Licheniformis (SL-307):** produces antibiotic bacitracin, produces protease, improves protein digestion, **produces full spectrum of B vitamins** and folic acid
- **Bacillus Clausii (SC-109):** antibiotic-resistant during antibiotic use, supports immune function, **improves cytokine balance**, reduction in loose stools

MegaSpore Dosing: Age 5+

Start with 1 capsule with a meal and increase using the following protocol:

- **Week 1:** Take 1 capsule every other day
- **Week 2:** Take 1 capsule daily
- **Week 3:** Take 2 capsules simultaneously each day
- **Thereafter:** Patients who are comfortable at 2 caps per day, can increase their dose to 4 caps/day for acute infection support and periods of gut and immune stress

Capsules can be opened for micro-dosing or children's dosing

Children should start with 1/4-1/2 capsule every other day. Slowly increase the dose to 1 capsule a day with food

Reach out to your rep for infant and toddler dosing

- Children over the age of 10 should follow the adult titration schedule.

Megaspore can be added to warm or cold food/drinks and has no taste

Sensitive Patient Dosing:

If a patient has a history of being **sensitive to supplements, has severe dysbiosis, or struggles with die-off** (extreme bloating, gas, bowel movement irregularity, etc.):

1. Start with or **reduce dosing to 1/4 capsule of MegaSpore, every other day** for 1 week and increase as tolerated.
2. **Add in MegalgG2000** for 1 month to selectively bind to LPS/toxins/pathogens to reduce die-off.
3. If needed, discontinue MegaSporeBiotic and start with MegalgG2000 only to focus on detox, calming their over-reactive immune response, and calming inflammation. After 1-2 weeks, begin titrating Megaspore back in at 1/4 capsule, every other day, or even 2x a week, as tolerated.