

MicroJiva Heart

A Complete Cardiovascular Health Supporting Dietary Supplement



Unique Probiotic Formulation



Herbal Prebiotic Support



Supports cardiovascular health*



Maintains balance of healthy bacteria*



Supports normal inflammatory response*



Supports healthy bile metabolism*



Maintains healthy blood pressure levels*



Synbiotic formulation with pre and probiotics*

Consider the role of MicroJiva Heart in your health regime today!

MicroJiva Heart

A Complete Cardiovascular Health Supporting Dietary Supplement

WHAT IS MICROJIVA HEART?

MicroJiva Heart an innovative new line of products that provide a more complete dietary support for cardiovascular health. All MicroJiva products and their components have been verified by doctors and optimized to treat specific physiological ailments.

MicroJiva supplements use professional grade and quality ingredients:

- Full recommended daily dose
- Sourced from nature and allergen free
- Bioavailable formats
- From renewable and sustainable sources
- Developed by doctors

WHAT IS IT COMPRISED OF?

MicroJiva Heart provides natural prebiotic fiber, short-chain fructo-oligosaccharides (scFOS) and probiotic *L. plantarum* PV-WCFS1 with omega-3 fatty acids and other natural, herbal prebiotic supplements, which work together to maintain the balance of healthy bacteria in your gut, control healthy cholesterol and triglyceride levels, maintain healthy blood pressure, support bile metabolism and enhance gut integrity.

Probiotic Blend:

- *L. plantarum* PV8826
- *L. fermentum* PV5221
- *L. plantarum* PV-WCFS1
- Other Probiotics

Prebiotic Supplement:

- Other Probiotics
- Omega-3 complex (DHA and EPA)
- Sc-FOS

WHAT ARE THE BENEFITS?

- ✓ Supports a healthy heart
- ✓ Reduces inflammation
- ✓ Maintains healthy levels of cholesterol, triglyceride and blood pressure
- ✓ Promotes gut epithelial barrier integrity

WHY RECOMMEND MICROJIVA HEART?

The gut microbiome plays a crucial role in human health and disease, including cardiovascular health. The probiotics in MicroJiva Heart have been shown to help support lowering blood cholesterol and triglyceride levels, healthy blood pressure, normal inflammatory response, digestive health and bile metabolism (1,2,3).

Our unique synbiotic formulation contains a probiotic blend and omega-3 fatty acids (DHA and EPA), which have been associated with cardiovascular benefits (4). The natural prebiotic fiber, scFOS, also has a beneficial effect on lipid metabolism, regulation of serum cholesterol levels and the gastrointestinal tract through digestive function support.

HOW IS MICROJIVA HEART USED?

One capsule/sachet of MicroJiva Heart is taken in the morning and evening with food. The daily dose of MicroJiva Heart provides 10 billion CFU of probiotics with 1,200 mg of short-chain fructo-oligosaccharides.

PATENTS AND TRADEMARKS:

This product is proprietary and protected in trademarks and patents.

PATENT NOS: US (16/969,759), Canada (3,091,152), China (201980025301.0), India (202017039445) and internationally (PCT/CA2019/000018).

WHERE IS MICROJIVA HEART MANUFACTURED?

Our High-Quality Manufacturing Facilities



Biena



All MicroJiva products are manufactured in USA FDA- and Health Canada-approved facilities in Canada and USA by our production partner, Biena. Our facilities are GMP-certified and produce high-quality probiotic supplements from strain vials to finished products.

Our Production

- ✓ Qualified in-house production, QA, QC and R&D team with over 150 QA checkpoints
- ✓ Complete traceability of lots to ingredient suppliers
- ✓ Production from strain vial to market-ready products

Our Facilities

- ✓ 55,000 sq.ft GMP-certified facility
- ✓ FDA Audited for Dietary Supplements
- ✓ Health Canada site license
- ✓ State-of-the-art equipment
- ✓ Modern facility to ensure cell viability and stability
- ✓ Highly controlled environment

Our Strains

- ✓ Authenticated strains by DNA and by international strain bank
- ✓ Non-GMO Project Certified
- ✓ Vegan and allergen free
- ✓ Health Canada Documented for safety, efficacy and quality
- ✓ Highly active & stable at room temperature

We produce **CUSTOM FORMULATIONS**, tailored to YOUR needs!

- ✓ Production of custom, high-quality probiotics from single bacterium to tons
- ✓ In-house manufacturing at a GMP-certified and approved facility by FDA, Health Canada and other regulatory bodies
- ✓ Unparalleled industry knowledge, expertise and infrastructure
- ✓ From strains to market-ready probiotics for dairy, pharma, animal and other health industries

Stage 1: Strain Production Starting as A Raw Material



Strain Production



Fermentation



Centrifugation



Lyophilization



Grinding



Strain Packaging

Stage 2: Finished Products



Weighing and Batching



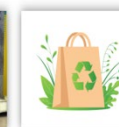
Blending



Variable Dosage Forms



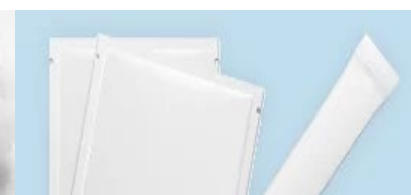
Primary Packaging



Secondary Packaging



Cold Storage and Cold Shipping



Precautions: For adult use only. Keep away from children. Stored in cool dry place.

***Disclaimers:** These statements have not been evaluated by Health Canada or the US FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

References:

1. Zlatan Mujagic et al (2017) The effects of Lactobacillus plantarum on small intestinal barrier function and mucosal gene transcription; a randomized double-blind placebo controlled trial. *Nature Scientific Report*. 7:40128
2. Jones ML, Tomaro-Duchesneau C, Martoni CJ, Prakash S. Cholesterol lowering with bile salt hydrolase-active probiotic bacteria, mechanism of action, clinical evidence, and future direction for heart health applications. *Expert Opinion on Biological Therapy*. 2013;13(5):631-642.
3. Westfall, S., Lomis, N. & Prakash, S. Longevity extension in Drosophila through gut-brain communication. *Sci Rep* **8**, 8362 (2018).
4. Mayo Clinic. (2008, March 12). Cardiovascular Benefits Of Omega-3 Fatty Acids Reviewed. *ScienceDaily*. Retrieved February 10, 2021 from www.sciencedaily.com/releases/2008/03/080310164906.htm



Tru ID



GMO Free



Halal



Kosher



Dairy Free



Gluten Free



Soy Free



Vegan

WWW.PROVIVAPHARMA.COM