Ruhvenile® Biomedical
Product datasheet

BiomLife®

Universal Specimen Transport & Preservation Medium for microbiome work

Collect stool, soil, tissue, swab and environmental samples, ship them at room temperature, then sequence them or revive the live microbes.

Indigenous patented technology | Discovered and developed in India | DSIR recognised | ISO 9001:2015 certified | CE (IVD) compliant



3 weeks	10+ years	1:1 to 1:4	3 years
intact at 15–25°C	stable at -80°C	sample-to-buffer ratio	shelf life without specimen

Key features

- Built for microbiome studies: one collection supports metagenomics and culture-based work.
- Supports the One Health programme: works across human, animal, plant, soil and environmental samples.
- Ambient to Ultra-Safe: field-stable at 15–25°C for up to 3 weeks and secure for 10+ years at -80°C.
- True Universal Revival: preserves and revives aerobic, anaerobic and fastidious bacteria, fungi and phages from a single collection vessel.
- Superior Nucleic Acid Yield: 2–3X more DNA/mRNA than standard media; 100% formalin-free and non-toxic.
- Complete One Health Matrix Compatibility: across complex stool, soil, animal/plant tissue and liquid samples.
- Flexible Field Logistics: optimized 1:1 sample-to-buffer ratio, available in 0.9 mL, 1.5 mL and 3.0 mL cryotubes.

Specifications

Parameter	Value
Shelf life (without specimen)	3 years at room temperature
Stability at 15–25°C	Up to 3 weeks
Stability at -20°C	More than 90 days
Stability at -80°C	10+ years
Applications	WGS, NGS, PCR, RT-PCR, metagenomics, culture, biobanking
Supply	Sterilised cryotubes only; CE compliant
Track record	Over 1,20,000 specimens preserved across five continents

Catalogue codes and pack sizes

Code	Pack
RVN-BL-0.9-00	0.9 mL in 2 mL cryotube
RVN-BL-1.5-00	1.5 mL in 5 mL cryotube
RVN-BL-3.0-00	3.0 mL in 15 mL cryotube

Best for

- Microbiome labs shipping stool, soil or tissue from clinic, farm or field
- Biobanks that need live microbes and DNA/RNA preserved long term
- Agricultural, environmental and One Health sample collection

Frequently asked questions

Can BiomLife® preserve stool samples at room temperature?

Yes. Stool samples stay intact for 3 weeks at room temperature, and for 10 years at -80°C.

Does BiomLife® support revival of bacteria for microbiome culture?

Yes. It revives aerobic, anaerobic and fastidious bacteria, and has been used on five continents.

Is BiomLife® suitable for DNA and RNA preservation?

Yes. It works well in metagenomic studies. For multi-omics (proteomics, metabolomics, metatranscriptomics), use BiomLife® Pro.

Which sample types are compatible with BiomLife®?

All sample types except blood.

How long can samples remain stable in BiomLife®?

3 weeks at room temperature and 10+ years at -80°C.

Order or customise

Request a quote, a custom pack size or bulk quantities. Dispatch within 3–5 working days.

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Specifications come from Ruhvenile® product information and may be updated. Confirm current specifications and regulatory status with Ruhvenile® before ordering.