Ruhvenile® Biomedical

The Cold-Chain-Free Shipping Guide

Choose the right medium for your specimen and ship at 15–25°C, with no dry ice.

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DSIR-recognised in-house R&D | ISO 9001:2015 certified | CE (IVD) compliant products | Deep Tech Pioneer, Hello Tomorrow, Paris

Five steps to ship without dry ice

Samples travel best when they are stabilised the moment they are collected. Follow these steps for any Ruhvenile® medium.

Step	What to do
1. Match	Pick the medium for your specimen and assay (selector on the next page).
2. Collect	Add the sample to the medium at the point of collection, using the mixing ratio on the product page.
3. Seal and label	Close the tube tightly. Label with sample ID, date and sample type. Place it in a leak-proof secondary container.
4. Ship ambient	Send by ordinary courier at 15–25°C, with no ice packs or dry ice. Keep out of direct sunlight.
5. Analyse	At the lab, extract and run PCR, NGS, culture or omics. With ALCHESIS™, go direct to LAMP or PCR without extraction.

Why ambient shipping saves money

Dry-ice shipping adds cost at every step: buying and topping up dry ice, insulated shippers, and courier handling for a regulated dangerous good. A customs or courier delay can also thaw a sample, which means repeating the collection.

With Ruhvenile® media you remove the refrigerant, use ordinary courier packaging, and avoid repeat collections caused by spoilage. Higher nucleic-acid yields (2–3x more DNA/mRNA than standard media with BiomLife®) can also mean fewer repeat extractions.

Ask us for a cost comparison for your own shipping route: info@ruhvenile.com or +91 858 703 3367.

Specimen-to-product selector

Find your sample type, then open the product page at www.ruhvenile.com for specifications, catalogue codes and mixing ratios.

Your specimen	Use	Stability (from product data)
Stool, soil, tissue for microbiome, culture and biobanking	BiomLife®	3 weeks at 15–25°C; 10+ years at -80°C. Revives bacteria, fungi, phages.
Non-blood samples needing long ambient storage	BiomLife® Pro	No cold chain for up to 24 months (predicted from accelerated studies). Viability is higher at -20°C or -80°C.
DNA or mRNA from any sample (no microbe revival)	truGnom®	DNA/RNA 3+ years at 15–25°C; mRNA 15 days at room temperature, 3–6 months at -80°C.
Whole blood, cfDNA, cfRNA	BloodGnom™	Up to 15 days (DNA and RNA), 15–30 days (cfDNA), 7–15 days (cfRNA) at 2–25°C.
Nasal or throat swab for PCR, qPCR, NGS	ViroGnom™ VTM	Preserves viral DNA and RNA; unused medium keeps 24 months at room temperature.
Swab for viral culture and molecular testing	ViroStabl™ UTM	Up to 120 hours at 2–25°C.
Urine for culture and PCR from one sample	UroStabl™	5–7 days, even at 15–25°C and 70% humidity.
Cervical sample for cytology and HPV testing	CytoStabl™	Over 30 days at room temperature. Research use only.
Any human, animal or environmental sample straight to LAMP or PCR	ALCHESIS™	7 to 30+ days at room temperature; no extraction step.

BiomLife®, BiomLife® Pro, truGnom® and ALCHESIS™ support the One Health programme across human, animal and environmental samples. truGnom® lyses cells and does not support microbe revival; use BiomLife® when you need live microbes.

Shipping checklist

Before you ship	Done
Medium and mixing ratio match the product page	[ ]
Tube closed tightly and wiped clean	[ ]
Label shows sample ID, date and sample type	[ ]
Sample placed in a leak-proof secondary container with absorbent material	[ ]
Courier and destination rules for biological samples checked (diagnostic specimens are usually shipped as UN3373, Category B)	[ ]
Tracking number and shipping date recorded	[ ]
Receiving lab told the expected arrival date	[ ]
Long-term plan set: freeze at -20°C or -80°C on arrival if your protocol needs it	[ ]

Talk to us

Not sure which medium fits? Tell us your specimen and your assay. We will recommend a product, send a quote and can customise volumes and packs.

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Dispatch within 3–5 working days

Specifications are taken from Ruhvenile® product information and may be updated; always confirm with the current product page or datasheet.