Manuals+ — User Manuals Simplified.

GALENVS UPX0100 Universal Pathogen Complex Module

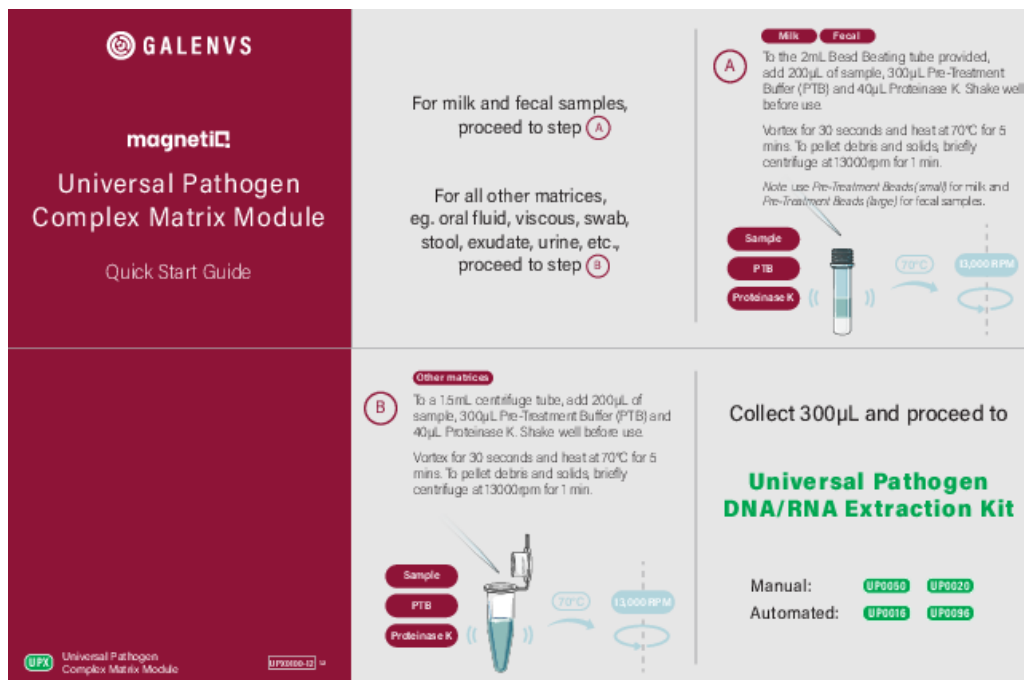# GALENVS UPX0100 Universal Pathogen Complex Module User Guide

Contents

GALENVS UPX0100 Universal Pathogen Complex Module

Specifications:

- **Product Name:** Universal Pathogen Complex Matrix Module
- **Sample Types:** Milk, Fecal, oral fluid, viscous, swab, stool, exudate, urine, etc.
- **Components:** Pre-Treatment Beads (small and large), Proteinase K, Universal Pathogen DNA/RNA Extraction Kit
- **Speed:** 13,000 RPM

Product Usage Instructions

Step A: For Milk and Fecal Samples

1. Ensure Pre-Treatment Beads (small) are used for milk samples and Pre-Treatment Beads (large) for fecal samples.
2. Add the sample to the Universal Pathogen Complex Matrix Module.
3. Include Proteinase K in the sample.
4. Run the module at 13,000 RPM.

Step B: For Other Matrices

1. Proceed with the Universal Pathogen DNA/RNA Extraction Kit.
2. Add the sample to the module.
3. Include Proteinase K in the sample.
4. Operate the module at a speed of 13,000 RPM.

FAQ:

- **Q: Can I use the same kit for all sample types?**
  A: Yes, the Universal Pathogen Complex Matrix Module is designed to handle various sample types efficiently.

Just follow the specific instructions for each type.

- **Q: What is the purpose of Proteinase K in the process?**

  A: Proteinase K is used to digest proteins in the sample, facilitating the extraction of DNA/RNA for analysis.

- **Q: Is there a difference between manual and automated operation?**

  A: The manual operation involves user intervention at different stages, while automated operation streamlines the process with predefined steps.
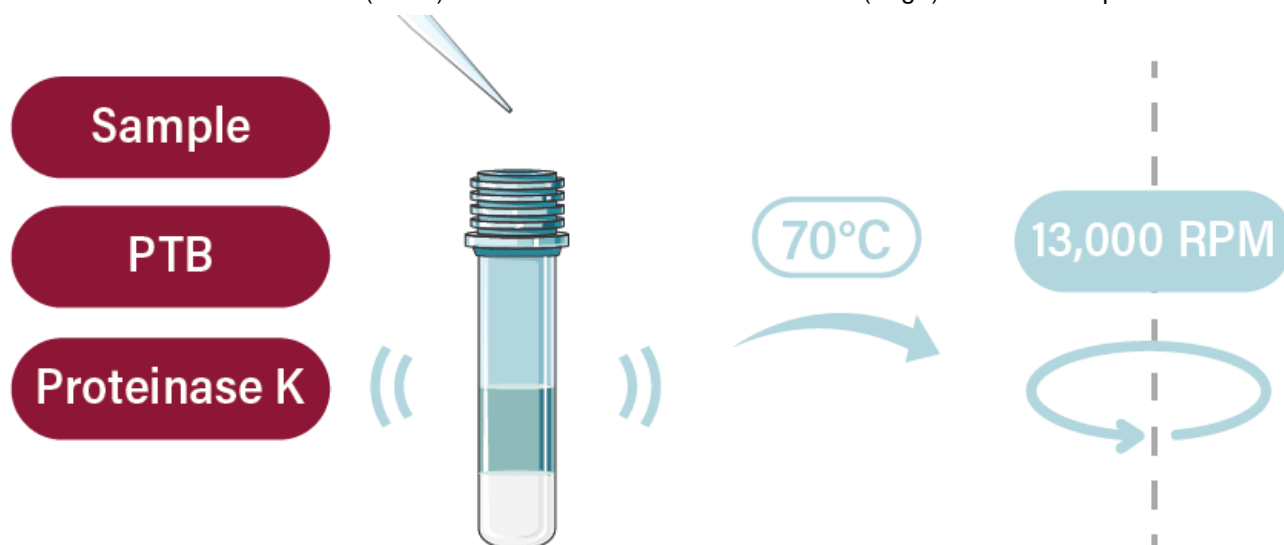
Universal Pathogen Complex Matrix Module

Quick Start Guide

- For milk and fecal samples, proceed to step A
- For all other matrices, eg. oral fluid, viscous, swab, stool, exudate, urine, etc., proceed to step B
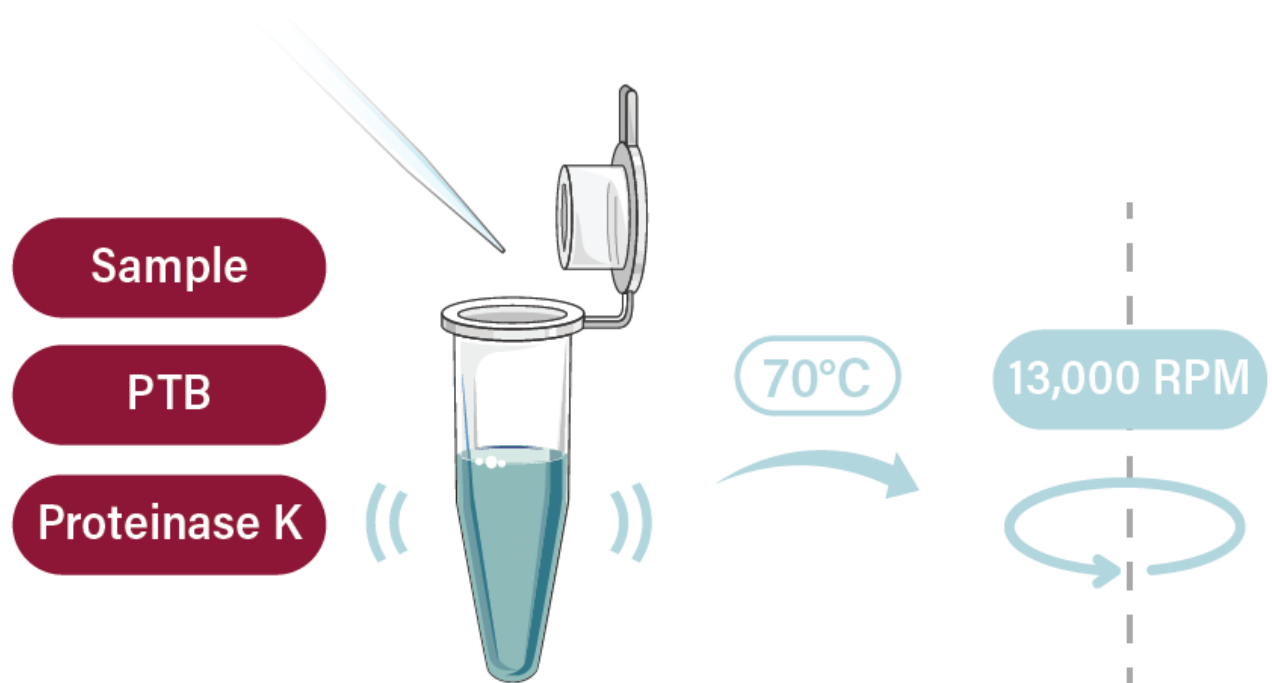
Milk Fecal

- A To the 2mL Bead Beating tube provided, add 200µL of sample, 300µL Pre-Treatment Buffer (PTB) and 40µL Proteinase K. Shake well before use.
- Vortex for 30 seconds and heat at 70°C for 5 mins. To pellet debris and solids, briefly centrifuge at 13000rpm for 1 min.
- **Note:** use Pre-Treatment Beads (small) for milk and Pre-Treatment Beads (large) for fecal samples.

Other matrices

- B To a 1.5mL centrifuge tube, add 200µL of sample, 300µL Pre-Treatment Buffer (PTB) and 40µL Proteinase K. Shake well before use.
- Vortex for 30 seconds and heat at 70°C for 5 mins. To pellet debris and solids, briefly centrifuge at 13000rpm for 1 min.

Collect 300µL and proceed to
Universal Pathogen DNA/RNA Extraction Kit

- **Manual:** UP0050   UP0020
- **Automated:** UP0016   UP0096

UPX Universal Pathogen Complex Matrix Module

Documents / Resources

GALENVS UPX0100 Universal Pathogen Complex Module [pdf] User Guide
UPX0100 Universal Pathogen Complex Module, UPX0100, Universal Pathogen Complex Module, Pathogen Complex Module, Complex Module

References

- **User Manual**