



Biomeme

# Process DNA or RNA samples in 1-2 minutes

No vortexer, heat block, centrifuge, refrigerator, lab equipment, electricity, incubation, alcohol precipitation or phenol-chloroform extraction required.

Our **M1 Sample Prep Cartridge** is a mobile solution for the extraction of purified nucleic acids from a variety of different sample types including but not limited to: low volume liquids, whole blood, filters, swabs, transport media, urine and more.


It utilizes a filtration-based method in which nucleic acids selectively bind to the silica membrane inside our proprietary sample prep columns. Subsequent washes through a sequence of specially formulated buffers yields purified nucleic acids upon elution.

## Get in Touch

 [biomeme.com](https://biomeme.com)

 [shop.biomeme.com](https://shop.biomeme.com)

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 1015 Chestnut Street  
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### Effortless

The extraction method is designed to be completed in 7 simple steps from sample collection through elution.



### Shelf-Stable

All components are shelf-stable for 1 year when stored in a dry place, at room temperature (15-30°C / 59-86°F).



### Lab-Free

Each cartridge comes pre-aliquoted for field-friendly transport and use, expediting DNA and RNA isolation anywhere.



### Fast

Complete sample prep in just a few minutes and results in 30-60 minutes when combined with a Biomeme thermocycler.



### Pocket-Sized

2.65" L x 1" W x 0.7" H and weighing in at just under 13 grams keeps transportation light and cost-effective.



### All-Purpose

Used by many industry leaders ranging from biothreat surveillance to environmental monitoring, food safety, and more.



**We work in the field regularly and this cartridge doesn't require any extra lab equipment, refrigeration, or cold chain. This is critical for us. The single-use, disposable containers minimize contamination which definitely adds to the benefits we've experienced thus far.**

**MARIO THOMAS, PH.D**

Co-founder & Chief Executive Officer | Precision Biomonitoring, Inc.



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