

>TruPrepRTM

Automate Your Workflow for Challenging Samples Such as:

- Mycobacteria in Sputum
- RNA/DNA from Whole Blood and Plasma
- Viral RNA from NPA/NPS

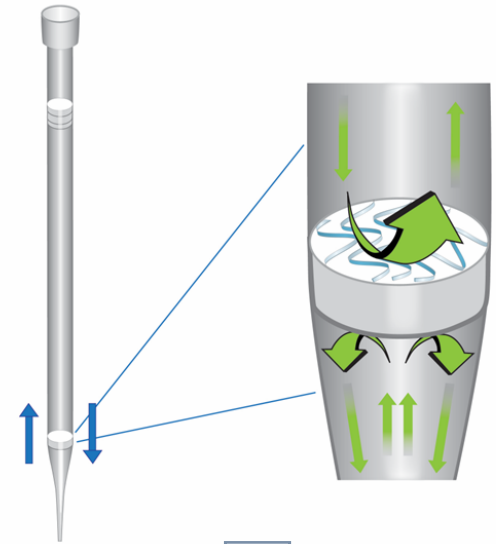
OVERVIEW

Automate your difficult and complex extraction protocols for isolating nucleic acid from challenging sample types such as sputum and whole blood. The Akonni Biosystems TruPrepR uses Akonni's Universal Kits to automatically and efficiently isolate RNA and DNA from challenging clinical sample types for downstream PCR and sequencing applications.

- Uniquely integrates and automates homogenization and lysis
- Reduces consumable cost and waste
- Minimal setup for less hands-on time
- Purification within a pipette tip reduces risk of cross-contamination, a susceptibility of magnetic beads
- Eliminate spin column and centrifugation steps

Sample	Result
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
MTB Negative Sample	-
MTB Positive Sample	+
Negative	-
MTB Standard	+

Checkboard study performed at Mayo Clinic across 8 lanes with positives and negatives reversed for a second run, resulting in no false positives. Demonstrates the automation of combined lysis and nucleic acid extraction with a 5X concentration factor.



ORDERING INFORMATION

Catalog #	Description
15-0051	TruPrepR Akonni's Sample Prep Workstation for isolating nucleic acid from clinical matrices

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