

# DNAPure Water Isolation Kit



Legionella is a critical waterborne pathogen requiring swift, reliable detection in water systems. Real-Time PCR accuracy relies on DNA purity, making the DNAPure Water Isolation Kit essential to overcome common environmental inhibitors. This fast, efficient kit isolates high-quality genomic DNA from various water matrices using thermal lysis and an ion-exchange column that effectively removes inhibitors and ensures optimal yield. The method is validated according to ISO/TS 12869 and in association with the DI-Check Legionella pneumophila and DI-Check Legionella spp. kits for a complete, reliable molecular workflow.

## Product highlights

### HIGH-QUALITY DNA EXTRACTION

Efficient purification of genomic DNA from waterborne bacteria

### VALIDATED METHOD

Compliant with ISO/TS 12869

### PCR-READY DNA

Ensures compatibility with downstream real-time PCR applications

## Intended use



Extraction and purification of genomic DNA from water samples

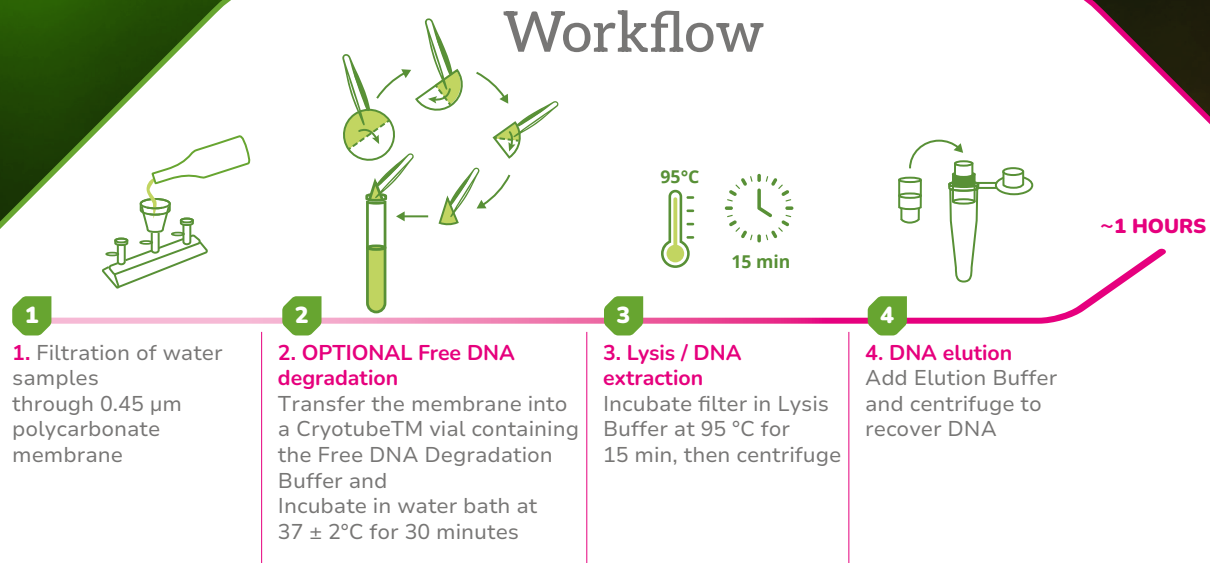


Preparation of DNA suitable for Legionella spp. detection and quantification



Environmental monitoring and water quality testing according to ISO/TS 12869

## Workflow



Total analysis time: ~1 hours

## Product Features

### SUPERIOR PERFORMANCE

Optimized protocol for efficient recovery of genomic DNA from environmental water samples

### RELIABILITY

Consistent extraction results validated across multiple water types

### COMPATIBILITY

Ideal for use with DI-Check Legionella spp. and L. pneumophila detection kits

### EASE OF USE

Simple workflow combining thermal lysis and column purification

### ACCURACY

Produces high-purity DNA free from PCR inhibitors

### CONVENIENCE

Ready-to-use reagents and robust columns for reliable routine testing

## Technical specifications

<b>TEST METHOD</b>	Thermal lysis and ion-exchange column purification
<b>FORMAT</b>	100 extractions
<b>STORAGE TEMPERATURE</b>	Lysis and Elution Buffers: +2 to +8 °C; DNApure Columns: room temperature
<b>SPECIES SAMPLE</b>	Gram-negative bacteria in water
<b>SAMPLE TYPE</b>	Drinking, sanitary, cooling, and recreational water
<b>ASSAY TURNAROUND TIME</b>	1 hour

## ORDERING INFORMATION

CODE	SIZE
MBK0080	100 REACTIONS

For more information or to place an order, contact us at [info@diatheva.com](mailto:info@diatheva.com)