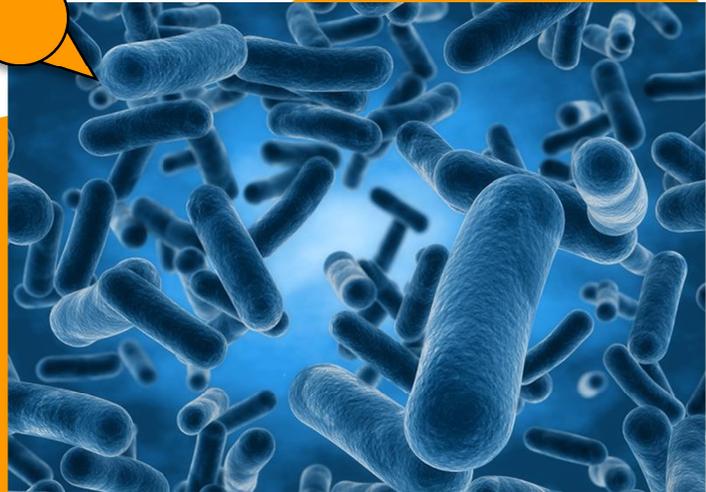





THE MICROCOLONY COUNTER & ANALYZER





Legionella pneumophila

CFU* enumeration in 48h

- 21 CFR Part 11 compliant
- Exportable data, LIMS integration
- Analysis history

THE MOST RAPID CFU* ENUMERATION, BASED ON ISO 11731 STANDARD METHOD

Legionella, and more specifically *Legionella pneumophila*, are responsible for legionellosis**, a potentially fatal lung infection. These pathogenic bacteria develop in hot water systems and cooling tower systems. The infection is contracted via inhalation of splashes or steam from contaminated water.

With **MICA Legionella**, combining the use of non-toxic fluorescence detection with revolutionary optical equipment, it is now possible to target and count *L. pneumophila* of **all serotypes** at their microcolony culture stage, **in any water sample**, after just **48 hours of incubation** instead of 10 days using the traditional culture method. Based on ISO standard 11731, MICA *Legionella* offers unrivalled sensitivity and specificity among culture-based methods.

- ✓ **Culture-based method**
- ✓ **Same workflow** key points as ISO 11731 standard method
- ✓ **Detects all serotypes** of *L. pneumophila* (incl. serotype 1)
- ✓ **No uninterpretable results** on dirty water
- ✓ **Runs of 6 analyses** conducted simultaneously
- ✓ **Non-toxic procedure** for the cells
- ✓ **Reusable membrane** for other confirmation or serotyping tests

LOD: 100 CFU* per liter

For 20ml samples loaded

*Colony Forming Unit

** In 98% of cases in Europe and in countries in the northern hemisphere

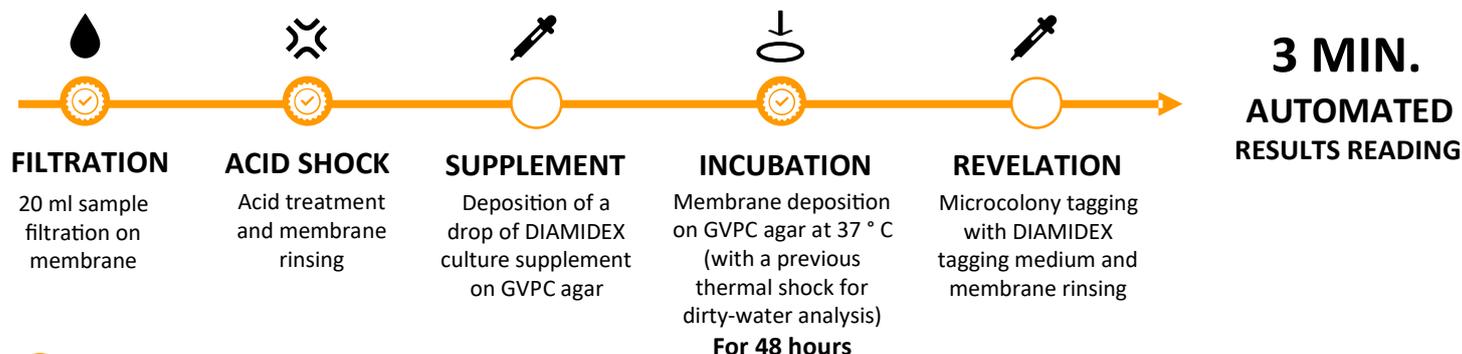


MICA

THE MICROCOLONY COUNTER & ANALYZER



PROCEDURE / WORKFLOW KEY POINTS



Same Workflow key points as ISO 11731 standard method

- ✓ *L. pneumophila serotype 1*
- ✓ *L. pneumophila serotypes 2-15*

Versus 10 days incubation time with standard ISO method! With **MICA Legionella**, you only incubate **1 agar plate per sample** analyzed.

Legionella Detection Kit

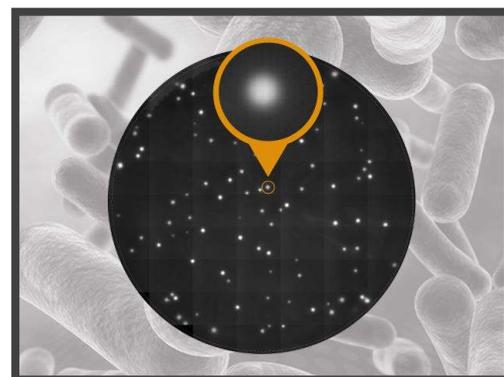
[Ref. 00 917] MICA Legionella Kit for laboratories(96 samples)

Extended Kits for unequipped laboratories also available, please contact us

STORAGE at 4°C

CONTENTS

- 100 x Membranes
- 4 x Culture supplement for 24 samples
- 4 x Tagging medium for 24 samples
- 20 x Rinsing solution for 6 samples
- 100 x Fiberglass pads



Legionella CFU* Analyzer Software

[Ref. 01 037] MICA Legionella Software

For MICA Counter, 21 CFR Part 11 compliant

CONTENTS

- MICA Legionella AI Analyzer
- MICA Legionella testing procedure assistant
- Configurable software
- Individual login for each user
- Inventory management assistant
- Analysis history
- Exportable data, LIMS integration

To be used with your

MICA

Microcolony Counter & Analyzer

