



LEGIONELLA-KITS

EXPANDABLE TO 140 WATER TESTING METHODS AND PARAMETER

KIT-FEATURES

1-HOUR LEGIONELLA SPP. TEST

DETECTS ONLY LIVING LEGIONELLA

QUANTITATIVE $60-10^6$ CFU

AOAC CERTIFIED

ALL-IN-ONE CASE

PRIMELAB 2.0-FEATURES

EXPANDABLE TO 140 WATER TESTING METHODS AND PARAMETER

FLEXIBLE PARAMETER ACTIVATION

POWERFUL SOFTWARE AND APP

ANIMATED ON-SCREEN INSTRUCTIONS

FREE CLOUD-SERVICE

SELF-CALIBRATION

WIFI, USB, BLUETOOTH[®], GSM^{*}



WATER-I.D.[®] INTRODUCES A NEW, PATENTED METHOD TO TEST VIABLE LEGIONELLA SP. IN JUST ONE HOUR WITHOUT THE NEED TO LET BACTERIA GROW!

*VIA USB INTERNET STICK | ACCESSORIES | POSSIBLY SUBJECT TO A CHARGE FOR CONNECTION

FEATURES

Legionella bacteria, in special Legionella pneumophila serogroup 1, is a harmful threat with a mortality rate of up to 30%. Once Legionella are inhaled (droplets in the air), they grow in human lungs and can cause Pontiac fever or even Pneumonia (Legionnaire's disease). The issue with current method (culture) is that it takes up to 14 days to let Legionella grow on a petri dish to be visible and countable, which is far too long to take effective actions.

Legipid® on PrimeLab takes a different approach:

As with the culture method, 1litre of water is filtered to collect the Legionella. After the Legionella are released from the filter, a patented reagent is added that contains micro-bits with a magnetic core covered with an antibody. Only living Legionella Sp. (no false positives!) are captured by the antibodies. After several washing steps, a colour tracer, also linked to an antibody, is added, which binds with the Legionella Sp. already bound to the micro-bit. This makes viable Legionella visible (pink colour) to be detected by PrimeLab. PrimeLab recognises the colour and converts it to 60 – 10⁶ cfu. As PrimeLab is connected via WiFi|USB|Bluetooth® to a free software and app, both of which are synchronised via the cloud, reporting is very easy. In addition, PrimeLab can perform more than 140 different parameter methods from ammonia to zinc. A true "one for all".



KITS

Different kit options in between „Basic“ and „Professional“ available on request

LEGIONELLA BASIC KIT

Basic Kit (Auto-Filtration | max. 9 tests**):

This Basic Kit is suitable if Legionella tests are only carried out from time to time and contains reagents for up to 9 tests.

Contents:

- 1 x Holder with magnet to hold 4 MHCB cuvettes, for use as single cuvette or with LG-MP4 stirrer
- 1 x PrimeLab 2.0 adapter for use with rectangular 1ml Eppendorf cuvettes
- ID 147 (Legionella) pre-activated
- 1 x LGP-10 kit for performing max. 9 tests (1 control / batch)

Starter kit (without reagents, no parameters/methods installed) contains:

- 1 x Grey plastic carrying case with foam insert.
- 1 x PrimeLab 2.0 Multitest Photometer
- 4 x 24mm/10ml cuvettes with lid (light protection integrated in the lid)
- 1 x Light shield (for 16mm and 1ml cuvettes as well as control standards)
- 1 x 24mm cuvette adapter (built-in; exchangeable)
- 1 x 10.5 cm stirring rod
- 1 x 10ml plastic syringe (graduated)
- 1 x Cuvette cleaning brush
- 1 x Microfibre cleaning cloth for cuvettes
- 1 x Bluetooth® USB dongle
- 1 x Charger with cable (USB Type-C)
- 1 x Printed user manual in a ring binder

Professional filter equipment:

- 1 x Vacuum pump
- 1 x Filtration funnel
- 1 x Glass collection bottle 1000ml
- 1 x Tweezer
- 1 x Scissor
- 100 filter papers GF/C (47mm)
- 100 filter bags 0,40µ (47mm)

LEGIONELLA PROF. KIT

Professional kit (Auto-filtration | max 99 tests**):

The Professional Legionella Kit is a self-contained, portable laboratory with all accessories to quickly perform up to 19 tests in parallel and contains reagents for up to 99 tests.

Contents:

- 1 x Rack with magnet for holding 4 MHCB cuvettes, for use as single cuvette or with LG-MP4 stirrer
- 1 x PrimeLab 2.0 adapter for use with rectangular 1ml Eppendorf cuvettes
- ID 147 (Legionella) pre-activated
- 1 x LGP-100 kit to perform max. 99 tests (1 control / batch)
- 1 x Professional laboratory pipette (0 - 1000 µl)
- 100 x Tips for 0 - 1000 µl pipette
- 100 x 60ml elution bottle
- 1 x MP4 stirrer with accessories to manage 19 samples
- 1 x Table cloth for managing MP4 racks
- 1 x Silver aluminium trolley with foam inserts

Starter kit (without reagents, no parameters/methods installed) contains:

- 1 x PrimeLab 2.0 Multitest Photometer
- 4 x 24mm/10ml cuvettes with lid (light shield integrated in lid)
- 1 x Light shield (for 16mm and 1ml cuvettes as well as control standards)
- 1 x 24mm cuvette adapter (built-in; exchangeable)
- 1 x 10.5 cm stirring rod
- 1 x 10ml plastic syringe (graduated)
- 1 x Cuvette cleaning brush
- 1 x Microfibre cleaning cloth for cuvettes
- 1 x Bluetooth® USB dongle
- 1 x Charger with cable (USB Type-C)
- 1 x Printed user manual in a ring binder

Professional filtration equipment:

- 1 x Filtration funnel
- 1 x Vacuum pump
- 1 x Glass collection bottle 1000ml
- 1 x Tweezer
- 1 x Scissor
- 100 filter papers GF/C (47mm)
- 100 filter bags 0,40µ (47mm)

LEGIPID-REAGENTS

ITEM CODE	PRODUCT DESCRIPTION	POSSIBLE NO. OF TESTS	MIN.	MAX.
LGP-10	Kit 10: Includes single dose reagents L0/L1/L2/L3/L4/L5, 5 x disposable pipettes, 10 x 3ml measuring vials, 10 x 9ml handling vials		5	9
LGP-40	Kit 40: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 40 x 3ml measuring vials, 40 x 9ml handling vials		20	39
LGP-100	Kit 100: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 100 x 3ml measuring vials, 100 x 9ml handling vials		50	99

** No matter if just one or many Legionella tests are performed at a time/in parallel, only one set of reagents is needed to perform a CONTROL/ZERO. By that, a Legipid kit „10“ is good for at least 5 tests (only one test at a time) or a maximum of 9 tests (if 9 tests are performed in parallel). Nevertheless, one LG-MP4-rack (cuvette holder with magnet) can handle up to 3 tests + 1 CONTROL. „Basic kit“ provides 1x LG-MP4-rack (max 3 tests in parallel), „Professional kit“ provides 5x LG-MP4-rack (max 19 tests in parallel).