

DIPSLIDES AND INCUBATORS

RELIABLE BACTERIAL TESTS

LIQUID AND SURFACE TESTING

FLEXIBLE PADDLE



See page 49 for the PrimeLab 1-hour Legionella test-kit.



- DRINKING WATER
- WASTE WATER
- MARINE
- BOILER WATER
- COOLING WATER
- FOOD PROCESSING

A dipslide is a method of testing the microbial content of liquids or surfaces. It consists of a plastic carrier bearing a sterile culture medium which can be dipped in the liquid or pressed on to the surface to be sampled. It is then incubated for 48 hours at a specific temperature to allow microbial growth. The resulting microbial colonies are es-

timated by referring to a chart. If the treatment programme is effective, the dipslide count will be consistently low (<10⁴). If a high result is obtained, the test should be repeated and the treatment programme must be checked. Each Water-i.d.[®] Dipslide pack contains 10 dipslides along with a comparison chart to obtain the test result.

Item-Code	Product Description DIPSLIDES
BactD001	TTC/TTC Dipslide Tests for Total Viable Count in waters and surfaces. Flexible paddle for effective surface contact.
BactD002	Malt/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count in waters and surfaces. Flexible paddle for effective surface contact.
BactD003	RBS/TTC Dipslide Tests for Yeasts, Moulds, Fungi and Total Viable Count for food and manufacturing industry. Flexible paddle for effective surface contact.
BactD004	MAC/TTC Dipslide Tests for Coliforms and Total Viable count in process water. Flexible paddle for effective surface contact.
BactD005	E.Coli & Coliforms/TTC Dipslide Tests for E.coli, Pseudomonas Aeruginosa and Total Viable Count for enumeration of E.coli. Flexible paddle for effective surface contact.
BactD006	PDM/MAC Dipslide Tests for Pseudomonas – Coliforms/Enterobacterceae for potable water, pools and spas. Flexible paddle for effective surface contact.
BactD007	PDM/TTC Dipslide Tests for Pseudomonas species and Total Viable Count for Closed water systems, pools and spas. Flexible paddle for effective surface contact.
BactD008	SRB Tube Tests for Sulphide reducing bacteria in Closed water systems. Flexible paddle for effective surface contact.
BactD009	NRB Tube Tests for Nitrite reducing bacteria in Closed water systems. Flexible paddle for effective surface contact.
BactD011	BactD011 R2A/R2A Dipslide Tests for A. Hydrophila, P. Fluorescens, Strep. Pyogenes and E.Coli for potable water and waste water:

Item-Code	Product Description INCUBATORS	Voltage
BactEDT057	Incubator for 2 Dipslide Tests. Preset to 30°C.	110 220 V
BactEDT055	Incubator for 8 Dipslide Tests. With temperature gauge and adjustable temperature.	12 110 220 V
BactEDT059	Incubator for 10 Dipslide Tests. With temperature gauge and adjustable temperature. Ideal for NRB/SRB tests. Only offered with 240 V.	12 110 220 V
BactEDT052	Incubator for 20 Dipslide Tests. With temperature gauge and adjustable temperature.	12 110 220 V
BactEDT093	Incubator for 45 Dipslide Tests. With temperature gauge and adjustable temperature.	12 110 220 V
BactEDT-12V	12V car-lead for BactEDT057 BactEDT055 BactEDT052 BactEDT093	12 V

LEGIONELLA TEST-KITS

KIT-FEATURES:

1-HOUR LEGIONELLA SPP. TEST

DETECTS ONLY LIVING LEGIONELLA

QUANTITATIVE 60-10⁶ CFU

AOAC CERTIFIED

ALL-IN-ONE CASE



- LABORATORIES
- MARINE
- BOILER WATER
- COOLING WATER



Water-i.d.® introduces a patented method to test viable Legionella Sp. in just one hour without the need to let bacteria grow!

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 allow effective actions.

Legipid® on PrimeLab 2.0 takes a different approach: As with the culture method, 1 litre 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 spp. (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 Legio-



nella spp. already bound to the micro-bit. This makes viable Legionella visible (pink colour) to be detected by the PrimeLab 2.0.

The PrimeLab measures the colour and converts it to 60-10⁶ Colony Founding Units (CFU). As the PrimeLab is connected via WiFi to a free software and app, both of which are synchronised via the cloud, reporting is very easy.

Below in the table you may find all available reagent sets!

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	5	9
LGP-20	Kit 20: Includes bulk units (lab pipette required) of reagents L0/L1/L2/L3/L4/L5, 20 x 3ml measuring vials, 20 x 9ml handling vials	10	10	19
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	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	50	99

*see on next page

PRIMELAB BASIC LEGIONELLA KIT

Recommended photometer

Item-Code	Kit
PL02B	The PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description see on page 10 – 11

Recommended reagents / parameters (this method has to be activated on the included PrimeLab 2.0)

Item-Code	Parameter
PLPar147	ID 147 Legionella 60 - 1000000 cfu/l liquid Resolution 1
LGP-10	Kit to perform max. 9 tests (1 control / batch): 1 x bottle (110ml) "L0 Diluent" 10 x single-doses (each 1ml) "L1 Capture Reagent" 1 x bottle (200ml) "L2 Washing buffer" 10 x single-doses (each 1ml) "L3 Enzyme-labeled anti-Legionella" 5 x tetra dose (each 5ml) "L4 Enzyme-co-substrates" 1 x bottle (2ml) "L5 Stopping reagent" 5 x disposable pipette 10 x 1ml CB cuvette 10 x 9ml MHCB cuvette

Can be extended to more than 140 parameters at any time by ordering an activation code.

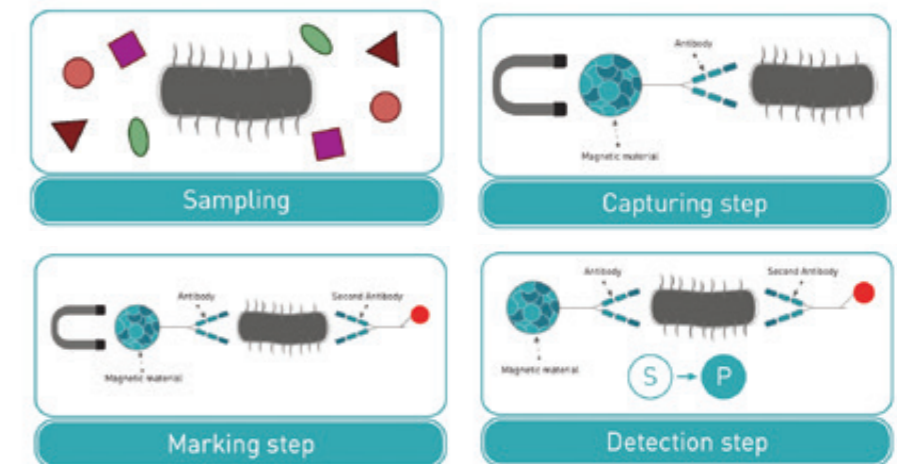
Recommended accessories

Item-Code	Accessories
LG-MP4-rack	1 x Rack with magnet to hold 4 MHCB cuvettes, to be used as single or with LG-MP4 agitator
LG-MP4-tblcl	1 x table cloth for MP4 to avoid magnet interferences between several MP4 used parallel
PL2Sp-AdkEp	PrimeLab 2.0 adapter to use rectangle 1ml Eppendorf-vials



Item-Code	Accessories
PLSp-LG-ELF10	10 x 60 ml Elution Flask
LG-Fil-Prof	Professional filter equipment: 1 x Vacuum pump 1 x filtration funnel 1 x glass collect bottle 1000ml 1 x tweezers 1 x scissor 10 x elution flask
LG-Fil-GFC	GF/C (Pre-) filter (47mm diameter): 100 x filter papers GF/C for LP-Fil-Prof
LG-Fil-40M	0.40µ Polycarbonate filter (47mm diameter): 100 x filter papers 0.40µ for LP-Fil-Prof
LG-Ref-pneu	Levertest. Pneumonia positive controll check standard. 20ml. 1 month shelf life

*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 1 x LG-MP4-rack (max 3 tests in parallel, "Professional Kit" provides 5 x LG-MP4-rack (max 19 tests in parallel).



PRIMELAB PROFESSIONAL LEGIONELLA KIT

Recommended photometer

Item-Code	Kit
PL02B	The PrimeLab 2.0 Multitest Photometer Starter-Kit contains: 1 x Grey plastic carrying-case with foam insert 1 x PrimeLab 2.0 Multitest Photometer *Complete accessories and description see on page 10 – 11

Recommended reagents/parameters (this method has to be activated on the included PrimeLab 2.0)

Item-Code	Parameter
PLPar147	ID 147 Legionella 60-1000000 cfu/l liquid Resolution 1
LGP-100	„Kit to perform max. 99 tests (1 control / batch): 1 x bottle (1050ml) „L0 Diluent“ 1 x bottle (105ml) „L1 Capture Reagent“ 2 x bottles (each 940ml) „L2 Washing buffer“ 1 x bottle (105ml) „L3 Enzyme-labeled anti-Legionella“ 35 x tetra dose (each 5ml) „L4 Enzyme-co-substrates“ 1 x bottle (11ml) „L5 Stopping reagent“ 100 x 1ml CB cuvette 100 x 9ml MHCB cuvette

Can be extended to more than 140 parameters at any time by ordering an activation code.

Recommended accessories

Item-Code	Accessories
PLSp-PIP10ml	10ml pipette (variable volume 1-10ml)
PLSp-PIP10ml-tips10	10 x tips for PLSp-PIP10ml pipette
PLSp-PIP1ml	1ml pipette (variable volume 0.1-1ml)
PLSp-PIP1ml-tips10	10 x tips for PLSp-PIP1ml pipette



Item-Code	Accessories
PL2Sp-AluCase-Legi	PrimeLab 2.0 aluminium-trolley with foam inserts (matches Legipid filterkit in lower compartment)
LG-MP4	„MP4 Multitest agitator - KIT: 1 x Automatic agitator to place 20 x MHCB cuvettes at a time, which can (1 control / batch) 1 x LG-MP4-AGT multitest agitator 5 x LG-MP4-IHMHCb insertable holder for MHCB cuvettes 5 x LG-MP4-rack magnetic holder for MHCB cuvettes 5 x LG-MP4-BB box bracket 1 x LG-MP4-TC table cloth 1 x LG-MP4-PLT platform
PL2Sp-AdkEp PLSp-LG-ELF100 LG-Fil-Prof	PrimeLab 2.0 adapter to use rectangle 1ml Eppendorf-vials 100 x 60 ml Elution Flask Professional filter equipment: 1 x Vacuum pump 1 x filtration funnel 1 x glass collect bottle 1000ml 1 x tweezers 1 x scissor 10 x elution flask
LG-Fil-GFC	GF/C (Pre-) filter (47mm diameter): 100 x filter papers GF/C for LP-Fil-Prof
LG-Fil-40M	0.40µ Polycarbonate filter (47mm diameter): 100 x filter papers 0.40µ for LP-Fil-Prof
LG-Ref-pneu	Levertest. Pneumonia positive controll check standard. 20ml. 1 month shelf life