

Trusted Legionella detection. Reliable results.

For fast public health response, confidently and reliably identify the presence of Legionella species in water samples with Thermo Scientific™ Legionella testing solutions.

Legionella pneumophila is a major cause of both pneumonia and an acute self limiting febrile disease called Pontiac Fever. *L. pneumophila* serogroup 1 is responsible for the majority of adult Legionella infections with serogroup 6 present in a smaller number of cases. Other serogroups of *L. pneumophila* and another 19 species of Legionella are associated to a varying degree with human disease¹.

Legionella is unlikely to be transmitted person-to-person but is commonly transmitted through aerosols generated from cooling towers of air-conditioning systems or by use of potable water from domestic hot-water installations, for example, showers¹.

This guide describes the Thermo Scientific™ Microbiology products that are commonly used for the detection and enumeration of Legionella in water.

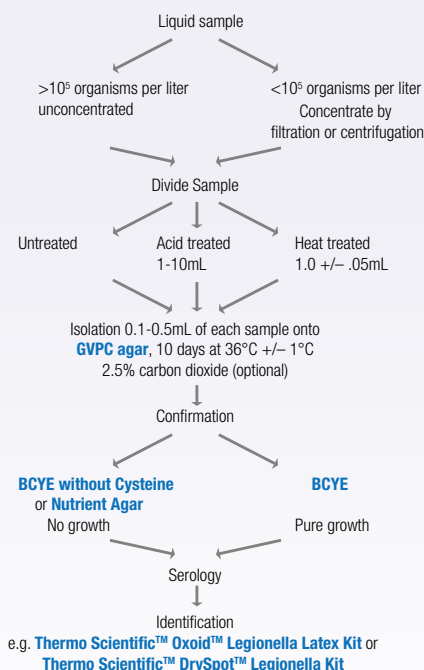


Regulations and Protocols

For effective public health protection and response, the infection and its source must be identified with full confidence as quickly as possible. Regulations and testing protocols for Legionella in water vary between countries and are continually being revised. A standard procedure for the isolation, culture, and identification of Legionella has been prepared by the International Organization for Standardization (ISO 11731).

ISO:11731:1

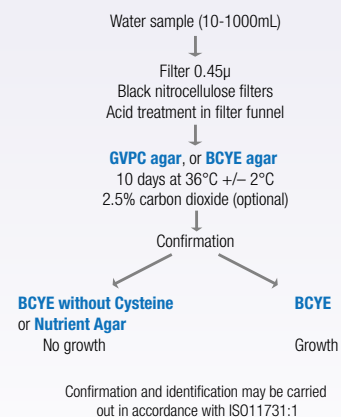
Water Quality—Detection and enumeration of *Legionella*²



ISO:11731-2:2004

Water Quality—Detection and enumeration of *Legionella*

Part 2: Direct membrane filtration methods for water with low bacterial counts³



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Legionella Testing Solutions



Culture Media

Rely on high quality media manufactured in our ISO compliant production facilities and supported by a team of experts dedicated to microbiology.

Product Description	Dehydrated Culture Media			Prepared Culture Media					
	Culture Medium Base	Growth Supplement	Selective Supplement	Product Code (USA)	Product Code (Canada)	Product Code (UK)	Product Code (Europe)	Product Code (ANZ)	Product Code (Malaysia/Singapore)
Legionella GVPC Medium	CM0655	SR0110	SR0152	N/A	MP1208	P00254A	P05074A	PP2267	PP1404P90
Legionella BCYE Medium	CM0655	SR0110	N/A	R01342	MP1204	P05072A	P05072A	PP2080	PP1401P
Legionella BCYE w/o L-Cysteine Medium	CM0655	SR0175	N/A	R01334	MP1207	P00255A	P05028A	N/A	N/A
Legionella MWY Selective Medium	CM0655	SR0110	SR0118	N/A	MP1205	P05071A	P05071A	PP2082	PP1403P90
Legionella BMPA Medium	CM0655	SR0110	SR0111	N/A	MP1209	P00324A	P05035A	PP2079	PP1402P90

For Legionella culture media products in others countries please contact your local distributor.

Quality Control Organisms

Stringent quality control ensures accurate and consistent test results in your microbiology laboratory. Our dedication to quality has driven us to develop a wide selection of reliable, easy-to-use products. Thermo Scientific™ Culti-Loops™ are ready to use, disposable inoculation loops which contain stabilized, preserved, viable microorganisms, for simple and convenient performance testing.

Product Description	Format	Product Code
Culti-Loops <i>Legionella pneumophila</i> ATCC® 33152™	5 loops	R4603950
Culti-Loops <i>Legionella pneumophila</i> ATCC® 33823™	5 loops	R4603949
Culti-Loops <i>Legionella mesenteroides</i> subsp. <i>mesenteroides</i> ATCC® 8293™	5 loops	R4603953

Diagnostic Reagents

Our selection of rapid, easy-to-use identification systems is designed for manual testing or as confirmation for automated test systems.

Product Description	Format	Product Code
DrySpot <i>Legionella pneumophila</i> Serogroup 1 Kit	60 tests	DR0200M
DrySpot <i>Legionella pneumophila</i> Serogroup 2-14 Kit	60 tests	DR0210M
DrySpot Legionella species Kit	60 tests	DR0220M
Legionella Latex Test Kit	50 tests	DR0800M
<i>Legionella pneumophila</i> Serogroup 1 Latex Test Kit	50 tests	DR0801M
<i>Legionella pneumophila</i> Serogroup 2-14 Latex Test Kit	50 tests	DR0802M
Legionella species Latex Test Kit	50 tests	DR0803M

References

¹ World Health Organization Guidelines for drinking water quality – Legionella. www.who.int/water_sanitation_health/dwq/microbioladd

² ISO 11731:1998 Water quality – Detection and enumeration of Legionella

³ ISO 11731-2:2004 Water quality – Detection and enumeration of Legionella – Part 2: Direct membrane filtration method for waters with low bacterial counts



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