



Phigenics
Validation Test[®]

NextDay LegiPlex[™] PCR

Faster. More Accurate. More Comprehensive.

PVT NextDay LegiPlex[™] PCR delivers rapid results by providing the serogroup of *Legionella* present in a water sample the day after sampling. LegiPlex[™] is a simultaneous multi-reaction (multiplex) real-time PCR for the detection of *Legionella pneumophila* sg 1, *Legionella pneumophila* sg 2-15, and *Legionella* genus. This industry-leading assay meets the methodological, performance and quality control requirements outlined by the International Standards Organization (ISO), achieving ISO 12869:2019 compliance for a limit of detection and specificity. PVT Next Day LegiPlex[™] PCR provides building owners with critical data about the safety of their water systems, allowing them to make defensible decisions.



FASTER

Molecular results of the type of *Legionella* present in a water sample the day after sampling



MORE ACCURATE

PVT Next Day LegiPlex[™] PCR, when used as a negative screen, has a >99% negative predictive value



MORE COMPREHENSIVE

Molecular identification of *Legionella pneumophila* sg 1, *Legionella pneumophila* sg 2-15, and *Legionella* genus

FOR MORE INFORMATION, VISIT:
PHIGENICS.COM/TESTING

How It Works

- ✓ Water samples are collected in the field and shipped to the Phigenics laboratory overnight, where the sample is filter-concentrated and prepped for DNA extraction
- ✓ Real-time Polymerase Chain Reaction (rtPCR) is used to amplify and detect *Legionella pneumophila* sg 1, *Legionella pneumophila* sg 2-15, and *Legionella* genus
- ✓ Water Management Teams receive results via the phiAnalytics® cloud-based data management system within 24 hours of sample receipt

Sample Report

Phigenics Validation Test NextDay LegiPlex™ PCR Report Support

Method Used: NextDay LegiPlex™ PCR

PASL Number	Date Received	Date Analyzed	Collector	Location Identification	Category (Potable/ Utility)	Next Day LegiPlex™ PCR
100000	2021/01/02	2021/01/02	J. Smith	Sink #1 Hot	Potable	Not Detected
100001	2021/01/02	2021/01/02	J. Smith	Sink #1 Cold	Potable	<i>Legionella</i> genus
100002	2021/01/02	2021/01/02	J. Smith	Sink #2 Hot	Potable	<i>L. pneumophila</i> sg 1
100003	2021/01/02	2021/01/02	J. Smith	Sink #2 Cold	Potable	<i>L. pneumophila</i> sg 1
100004	2021/01/02	2021/01/02	J. Smith	Ice Machine #1	Potable	<i>Legionella</i> genus
100005	2021/01/02	2021/01/02	J. Smith	Shower #1 Hot	Potable	Not Detected
100006	2021/01/02	2021/01/02	J. Smith	Shower #1 Cold	Potable	Not Detected
100007	2021/01/02	2021/01/02	J. Smith	Drinking Fountain #1	Potable	Not Detected
100008	2021/01/02	2021/01/02	J. Smith	Drinking Fountain #2	Potable	<i>L. pneumophila</i> sg 2-15
100009	2021/01/02	2021/01/02	J. Smith	Shower #2 Hot	Potable	<i>L. pneumophila</i> sg 2-15
100010	2021/01/02	2021/01/02	J. Smith	Shower #2 Cold	Potable	Not Detected
100011	2021/01/02	2021/01/02	J. Smith	Ice Machine #2	Potable	Not Detected
100012	2021/01/02	2021/01/02	J. Smith	Sink #3 Hot	Potable	<i>Legionella</i> genus
100013	2021/01/02	2021/01/02	J. Smith	Sink #3 Cold	Potable	Not Detected
100014	2021/01/02	2021/01/02	J. Smith	Cooling Tower #1	Utility	<i>Legionella</i> genus
100015	2021/01/02	2021/01/02	J. Smith	Cooling Tower #2	Utility	<i>L. pneumophila</i> sg 1
100016	2021/01/02	2021/01/02	J. Smith	Cooling Tower #3	Utility	Not Detected



Information Management System for Enterprise and Facility Water Management Teams



phiAnalytics® is a cloud-based system that can be used by enterprise and facility water management teams from healthcare, hospitality, commercial, education, retail, food & beverage, and government buildings to validate the effectiveness of their Water Management Programs.

- ✓ Testing Dashboards and Reports
- ✓ Validation Alerts
- ✓ Documentation