phigenics®
Independent Water Management

Healthcare | Hospitality | Commercial | Government | Manufacturing

High Value PCR Screening

Faster. More Accurate. More Comprehensive.

PVT Next Day *Legionella* PCR™ delivers rapid results that confirm the absence of *Legionella* within building water systems. Polymerase Chain Reaction (PCR) analysis is a negative screening method that provides confirmation that there is no *Legionella* in a water sample. High Value PCR screening using PVT Next Day *Legionella* PCR is extremely cost effective compared to standard culture testing, and can be applied broadly across a building water system.

FASTER

The P.U.R.E.™ (Phigenics Ultra-Rapid DNA Extraction) protocol, enables a next day result, rapidly providing critical data to building owners about their water system safety.

MORE ACCURATE

PVT Next Day *Legionella* PCR, when used as a negative screen, has a 99.9% negative predictive value. This delivers unmatched accuracy that allows building owners to make defensible, data-driven decisions about the safety of their water systems.

MORE COMPREHENSIVE

PVT Next Day *Legionella* PCR provides the highest value when applied broadly across a building water system. Building owners can cost-effectively expand the number of testing locations to better understand the system.

FOR MORE INFORMATION, VISIT:

PHIGENICS.COM/TESTING

High Value PCR Screening with PVT Next Day *Legionella* PCR™

Benefits

- ✓ P.U.R.E.™ allows a next day results for **EVERY** sample
- ✓ Tested against the 21 most relevant species of *Legionella*
- ✓ Limit of Detection: ~1 CFU/mL
- ✓ Simple and accessible reports enable Water Management Teams to rapidly assess their building water system
- ✓ Increases building owner defensibility

Sample Report

PVT Next Day *Legionella* PCR™ Report Summary

Method Used: Next Day *Legionella* PCR™

***Legionella* Caution** (yellow) Indicates *Legionella* was detected

NO Concern (No Shading) Indicates *Legionella* was not detected

PASL Number	Date Received	Date Analyzed	Collector	Location Identification	Category (Potable/ Utility)	Molecular Marker Negative Screen
100000	2020/01/02	2020/01/02	J. Smith	Sink #1 Hot	Potable	Detected
100001	2020/01/02	2020/01/02	J. Smith	Sink #1 Cold	Potable	Detected
100002	2020/01/02	2020/01/02	J. Smith	Sink #2 Hot	Potable	Not Detected
100003	2020/01/02	2020/01/02	J. Smith	Sink #2 Cold	Potable	Not Detected
100004	2020/01/02	2020/01/02	J. Smith	Ice Machine #1	Potable	Detected
100005	2020/01/02	2020/01/02	J. Smith	Shower #1 Hot	Potable	Detected
100006	2020/01/02	2020/01/02	J. Smith	Shower #1 Cold	Potable	Not Detected
100007	2020/01/02	2020/01/02	J. Smith	Drinking Fountain #1	Potable	Not Detected
100008	2020/01/02	2020/01/02	J. Smith	Drinking Fountain #2	Potable	Detected
100009	2020/01/02	2020/01/02	J. Smith	Shower #2 Hot	Potable	Detected
100010	2020/01/02	2020/01/02	J. Smith	Shower #2 Cold	Potable	Detected
100011	2020/01/02	2020/01/02	J. Smith	Ice Machine #2	Potable	Detected
100012	2020/01/02	2020/01/02	J. Smith	Sink #3 Hot	Potable	Not Detected
100013	2020/01/02	2020/01/02	J. Smith	Sink #3 Cold	Potable	Not Detected
100014	2020/01/02	2020/01/02	J. Smith	Cooling Tower #1	Utility	Detected
100015	2020/01/02	2020/01/02	J. Smith	Cooling Tower #2	Utility	Not Detected
100016	2020/01/02	2020/01/02	J. Smith	Cooling Tower #3	Utility	Detected

Phigenics is the leading **INDEPENDENT** provider of ANSI/ASHRAE 188-aligned and Centers for Medicare & Medicaid Services (CMS) S&C 17-30-aligned water management programs.

phigenics® Independent Water Management
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