

WATCHFIRE™ SOLUTION

WASTEWATER & ENVIRONMENTAL SURVEILLANCE.
SIMPLIFIED.



**BIOFIRE
DEFENSE**
A bioMérieux Company



**TREND FASTER.
ACT EARLIER.**



WATCHFIRE™
Respiratory (R) Panel



WATCHFIRE™
Gastrointestinal (G) Panel



BIOFIRE®
FILMARRAY® TORCH



WATCHFIRE SOLUTION

A BIOFIRE SOLUTION FOR WASTEWATER & ENVIRONMENTAL SURVEILLANCE

WHAT IF YOU COULD BE ALERTED FOR POTENTIAL DISEASE OUTBREAKS EARLIER?

As a frontliner for wastewater or environmental surveillance, you need to quickly identify pathogens and ensure public health authorities and communities are informed early to respond to potential disease outbreaks.

That's a challenge!

Informed decisions must be based on real-time data that can also be standardized over time to monitor trends. You need fast, multiple answers from decentralized testing to avoid potential sample quality degradation while remaining cost-efficient.

YOUR WATCHFIRE SOLUTION

Near-Source, Multiplex PCR Wastewater & Environmental Surveillance

Optimize wastewater surveillance with real-time, on-site data to address potential public health risks proactively. By choosing the WATCHFIRE solution, you are joining a global movement for safer, healthier communities. Be part of the change with the WATCHFIRE solution – advancing public health worldwide.



Informed Decisions

- From 1 sample, comprehensive PCR results in ~ 1 hour
- Cost-efficient, near-source testing
- Easy-to-use, approximately 2 minutes hands-on-time



Data Ownership

- Easily accessible, exportable data
- Intuitive software
- Compatible with clinical lab data to support epidemiological trending



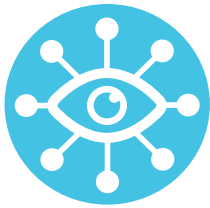
Cost-effective, Operational Efficiency

- Plug and play with fast-time-to-result to optimize lab performance
- Small footprint to fit in all labs and scalable to meet your growing needs
- Minimum training required



Committed Service Partner

- Dedicated customer support team
- Unique supplier for reagents, software, instruments



FOR ENVIRONMENTAL
SURVEILLANCE ONLY

NOT FOR
DIAGNOSTIC USE

Designed for the
BIOFIRE® FILMARRAY®

BIOFIRE® TORCH

WATCHFIRE Respiratory (R) Panel

1 TEST. 22 TARGETS. ~ 1 HOUR.

BACTERIA

Bordetella parapertussis
Bordetella pertussis
Chlamydia pneumoniae
Mycoplasma pneumoniae

VIRUSES

Adenovirus
Coronavirus 229E
Coronavirus HKU1
Coronavirus NL63
Coronavirus OC43
Severe acute respiratory
syndrome
coronavirus 2 (SARS-CoV-2)
Human metapneumovirus
Human rhinovirus/enterovirus

Influenza A virus
Influenza A virus A/H1
Influenza A virus A/H3
Influenza A virus A/H1-2009
Influenza B virus
Parainfluenza virus 1
Parainfluenza virus 2
Parainfluenza virus 3
Parainfluenza virus 4
Respiratory syncytial virus

Sample Type: Wastewater



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WATCHFIRE Gastrointestinal (G) Panel

1 TEST. 22 TARGETS. ~ 1 HOUR.

BACTERIA

Campylobacter (C. jejuni/C. coli/C. upsaliensis)
Clostridioides (Clostridium) difficile (toxin A/B)
Diarrheagenic Escherichia coli/Shigella
Enteraggregative E. coli (EAEC)
Enteropathogenic E. coli (EPEC)
Enterotoxigenic E. coli (ETEC) lt/st
Shiga-like toxin-producing E. coli (STEC) stx1/stx2
E. coli O157
Shigella/Enteroinvasive E. coli (EIEC)
Plesiomonas shigelloides
Salmonella
Vibrio (V. parahaemolyticus/V. vulnificus/V. cholerae)
Vibrio cholerae
Yersinia enterocolitica

VIRUSES

Adenovirus F40/41
Astrovirus
Norovirus GI/GII
Rotavirus A
Sapovirus (I, II, IV, and V)

PARASITES

Cryptosporidium
Cyclospora cayentanensis
Entamoeba histolytica
Giardia lamblia

Sample Type: Wastewater

BIOFIRE FILMARRAY TORCH SPECIFICATIONS



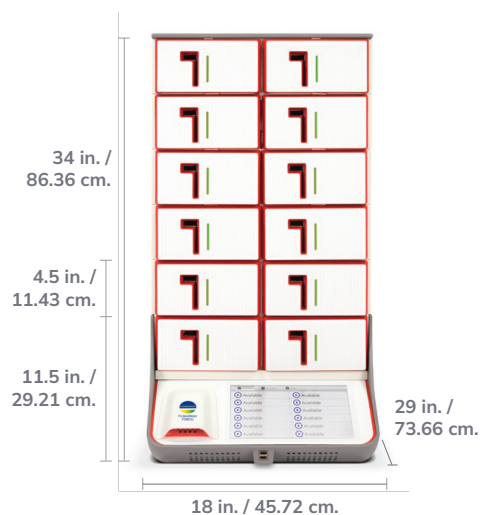
Supported by the BIOFIRE cutting edge multiplex
PCR technology in clinical use



Scalable configuration with a modular design
from 1 to 12 modules



Near source testing device



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