

BioProbe Diagnostics to launch samples of world's first complete water test for Legionella at Web Summit 2021



PRESS RELEASE

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Irish startup, BioProbe Diagnostics, have chosen the global audience at Web Summit 2021 to present the first samples of their patented qPCR test that rapidly detects the presence of Legionella in water.

Underpinned by a revolutionary technology, Bio Lp-1 is the world's first complete water test that will reduce Legionella detection from 14 days to 2 hours, while detecting multiple Legionella species in just one water sample.

Identified as an impact startup by Web Summit, BioProbe Diagnostics is actively contributing to the United Nations Sustainable Development Goal to ensure availability and sustainable management of water and sanitation for all.

"Our innovative Bio Lp-1 PCR test kit is a paradigm shift in environmental testing. It offers a more rapid and robust solution for detecting the presence of Legionella in water. It also has wider social impacts in that water quality and safety can be assured in a few hours as opposed to the days currently deployed. This urgency for rapid Legionella detection is particularly important now as we face the risk of rising Legionella outbreaks due to post-COVID-19 lockdowns". **Brendan O'Brien, CEO, BioProbe Diagnostics.**

Legionnaires' disease is a severe and potentially fatal pneumonia caused by the Legionella bacteria usually found in contaminated natural water and restricted artificial water systems such as fountains, heating

systems, swimming pools and jacuzzis. While some cases can be mild to moderate, others result in respiratory and multiorgan failure. Empty buildings and reduced usage of facilities due to COVID-19-related lockdowns around the world have unfortunately provided ideal breeding grounds for Legionella bacteria. Rapid and accurate detection of Legionella can avoid outbreak situations and save lives, especially where there are large clusters of people - hospitals, schools, cruise liners etc.

About BioProbe Diagnostics

BioProbe Diagnostics, a spinout from the National University of Ireland Galway, develops innovative PCR tests for the detection of microbial pathogens associated with water contamination in environmental and industrial processes. The strong team of scientists, innovators and business experts, develops and markets these PCR test kits worldwide. Using patented technologies, their goal is to transform the global marketplace with rapid, accurate, cost-effective, and user-friendly PCR test kits. Their first product, Bio Lp-1, a transformative Legionella test kit, received the prestigious EU Fast Track to Innovation Award in 2020. This product will be launched in early 2022 in collaboration with renowned international partners.

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