

Irish company, BioProbe Diagnostics, develops transformative solution for rapid Legionella detection.



PRESS RELEASE

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BioProbe Diagnostics, a spin-out from NUI Galway, has developed the world's first complete water test that will reduce Legionella detection from 14 days to under 5 hours, while detecting multiple Legionella species in just one water sample.

Brought to market in collaboration with three industry-leading European partners*, winners of the European Commission's Fast Track to Innovation Award, and supported by Enterprise Ireland, Bio LP-1 has the capacity to transform the global environmental testing landscape of the human pathogen Legionella.

Rapid Legionella detection is becoming increasingly important. Months of COVID-19 lockdowns has seen a concerning rise in Legionella outbreaks globally, as stagnant water in unused facilities provides a perfect breeding ground for the bacteria.

This breakthrough technology offers significant advantages over current products on the market. A rapid and highly sensitive qPCR test, Bio LP-1 provides a complete Legionella profile in under 5 hours.

**project partners*

myPOLS Biotec GmbH is a European leader in molecular biology reagent manufacturing

Laboratorio Control is a European-based ENAC accredited large environmental testing laboratory

Genaxxon bioscience GmbH is a European leader in the sale of innovative molecular IVD products

"Our innovative Bio LP-1 PCR test kit is a paradigm shift for Legionella water testing, offering a more rapid and robust solution for testing laboratories. 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 offers an attractive solution to test providers particularly in an outbreak scenario where you can rapidly see if remedial actions are working."
Dr Elizabeth Minogue, Senior Scientific Officer, BioProbe Diagnostics.

Bio LP-1 will be available on the market in early 2022.

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.

Follow BioProbe Diagnostics on [LinkedIn](#) and [Twitter](#) to keep up-to-date with Bio LP-1 developments.

