## Product factsheet

# aquaBio

Hardware product or technological device
Consulting or service offering (e.g. training)
Methodology or process



aquaBio

*Published in the Water Europe Marketplace*

## Description

Adasa has designed the **aquaBio-B503** device specifically for the automatic, autonomous and continuous detection of Escherichia coli, total coliforms and enterococci in water. This advanced system provides an optimal solution for drinking water monitoring and constant and accurate surveillance, thus ensuring quality and safety for its various **uses**.

Bathing water quality is classified according to several parameters, with the importance of determining E.coli, a key indicator for determining the quality and possible uses of water, and enterococci. Current regulations require its rigorous control, establishing that its concentration defines the permitted uses of reclaimed water and ensures a safe bathing.

Therefore, it is necessary to establish a **control system for Escherichia coli** and total coliforms to prevent the presence of microbiological contaminants that may affect the health of consumers.

Target audience

Public administrations and environmental agencies, public health services and tourism organisations, agricultural producers and irrigation water managers, treatment and reuse plant operators, water, food and pharmaceutical companies Public administrations and environmental agencies, public health services and tourism organisations, agricultural producers and irrigation water managers, treatment and reuse plant operators, water, food and pharmaceutical companies

## Publications

1. **aquaBio monitors water quality in the Gulf of Thailand** following the launch of four measuring units in swimming, industrial, and fishing areas. Link: aquaBio monitors water quality in the Gulf of Thailand following the launch of four measuring units in swimming, industrial, and fishing areas - ADASA
2. **Virtual E.coli sensor: saving drinking water and minimizing microbiological risk in water reuse in the food industry**. Link: Virtual E.coli Sensor: saving drinking water and minimizing microbiological risk in water reuse in the food industry - ADASA
3. **Prevent health risks to bathers from discharges** of untreated wastewater (Barcelona). Link: iBathwater - ADASA
4. **Advanced microbiological control system for the recovery** of reused water on the Costa Brava (Catalonia). Link: Advanced microbiological control system for the recovery of reused wateron the Costa Brava (Catalonia) - ADASA
5. **Minimize health risks to bathers in the river Spree** (Berlin). Link: iBathwater - ADASA

## URL

https://www.adasasystems.com/en/technology/aquabio-measuring-water-quality.html

# Technology applied by the product

- **Water Quality and Standards**

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## Related tag

Water Quality Monitoring

## Downloads

The following file can be downloaded from the online page of the product: https://mp.watereurope.eu/d/product/198

- Datasheet