

People for Process Automation

# **FAQ Kit Water Quality Detect**

# 1. Handling after use

# 1.1 Disposal

### How should the Kit Water Quality Detect be disposed of?

All components can be disposed of with household waste according to local regulations. Therefore, autoclaving is not required.

### 1.2 Single-use or reusable parts

#### Are the materials, such as detection modules, reusable?

All components of the Kit are designed for single use. However, Endress+Hauser is actively committed to environmental protection and continuously works to promote sustainable solutions.

### 1.3 Cross-contamination

### Is there any cause for concern regarding possible cross-contamination?

Since the samples are analyzed in a closed system, there is no reason to assume crosscontamination.

# 2. Product details

### 2.1 Live-dead differentiation

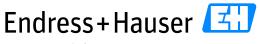
### Can the system distinguish between living and dead bacteria?

The polymerase chain reaction (PCR), on which our system is based, is a method for analyzing the genetic material of bacteria. The test therefore detects the general bacterial population without differentiation.

# 2.2 Enrichment

### Is enrichment required for the analysis?

Enrichment is not mandatory. It can be performed, but the analysis has also been successfully tested and approved without enrichment.



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# 2.3 Approved sample types

### What types of samples can I test with the Kit Water Quality Detect?

Class	Sample type	Explanation
Swab samples	Swab sample on dry surface	Approved
	Swab sample on wet surface	Approved
Liquid samples	Water samples: drinking water, well water, groundwater, carbonated water	Approved Carbonated water is only approved in combination with the TCT workflow. If tested directly, there is a risk of incorrect results and malfunctions in the Device BAB00.
Colonies	Picking one colony	Approved
	Multiple colonies	<b>Not approved</b> Incorrect results may occur due to too high concentration.