

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 cross-contamination.

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.

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	Not approved Incorrect results may occur due to too high concentration.