Listeria spp

Detection kit for *Listeria spp.*

APPLICATIONS

LoopDeetect kits enable you to:

- **Regular self-monitoring analyses as part of the sanitary control plan.**
- **Product safety (raw materials, finished products).**
- **Problem solving through the identification of contaminated areas in the event of a crisis.**

GENERAL DESCRIPTION

The **LoopDeetect Listeria spp** kit is used in combination with other products in the **Loop Dee Science range**.

Target	*Listeria spp.*
Method of analysis	RT LAMP
Shelf life	12 month
Storage conditions	Room temperature
Matrices	Surfaces Food
Packaging	x 25 kits x 50 kits

PRODUCT SPECIFICATIONS

Rapidity

Get results in less than **90 minutes**, in combination with Loop Dee Science technologies.

Performance

Our kits give results **equivalent to reference methods**.

Storage

Shelf life up to **12 months** at **room temperature** thanks to our freeze-drying processes.

Adaptability

Use the kits directly on site thanks to their simplicity, format and functionality.

Compatibility

LoopDeetect kits are compatible with various Loop Dee Science devices to suit your different needs (volumes, number of analyses, environment, etc.).

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GENERAL PERFORMANCE DATA

All validations are carried out in accordance with ISO 16140-2.

Inclusivity	**100 %**
Exlusivity	**100 %**

SURFACE MATRICES

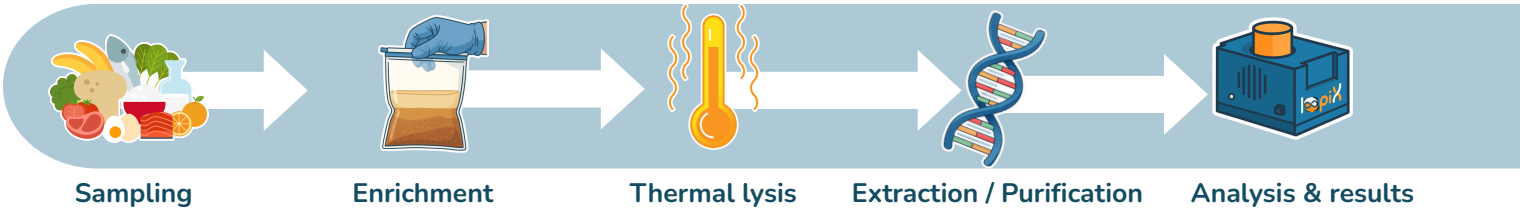
90 MIN

PERFORMANCE DATA*

RLoD - Relative Limit of Detection	**2.3**

FOOD MATRICES

24 H



PERFORMANCE DATA*

RLoD - Relative Limit of Detection	**0.7**

PERFORMANCE DATA*

RLoD - Relative Limit of Detection : *According to standard EN ISO 16649-2. An RLoD of less than 2.5 (unpaired samples) or 1.5 (paired samples) indicates that the tested method gives results equivalent to the reference method.*
As a result, the LoDs are identical to the reference method 1 CFU (may vary depending on the matrix in the same way as the reference method)

Inclusivity : *The ability of a method to specifically detect the target microorganism on a representative panel of strains of that species.*

Exclusivity : *The ability of a method to not detect non-target microorganisms.*

*For further information on performance data, please contact Loop Dee Science.