



## 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 E.coli** kit is used in combination with other products in the **Loop Dee Science range**.

<b>Target</b>	<i>Escherichia coli</i> (incl. <i>O<sub>157</sub>H<sub>7</sub></i> ) <i>Shigella</i> spp
<b>Method of analysis</b>	RT LAMP
<b>Shelf life</b>	12 month
<b>Storage conditions</b>	Room temperature
<b>Matrices</b>	Surfaces Food
<b>Packaging</b>	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 %**

Exclusivity **100 %**

## SURFACE MATRICES

**90 MIN**

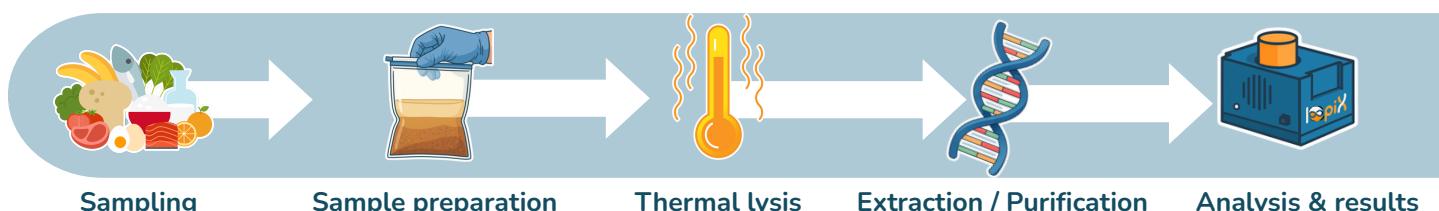


## PERFORMANCE DATA\*

**RLoD** **0.3**

## FOOD MATRICES

**2 H**



## 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.