

**FOR INFORMATION USE ONLY**

Not to be used for performing the assay. Refer to the insert accompanying the kit.

**LISTERIA MONOCYTOGENES  
DNA CONTROL**

**MBC033:** Purified DNA of *Listeria monocytogenes*.

**LOT SPECIFICATIONS:**

**Microorganism:** *Listeria monocytogenes*.

**Preparation:** Grown in chocolate agar culture medium.

**TECHNICAL DATA:**

**Presentation:** Lyophilized.

**Concentration:** 50 ng/μl when reconstituted.

**Instructions for reconstitution:**

- 1.-Centrifuge 1 minute at 1000 g.
- 2.-Add 100 μl of sterile bidistilled water and mix until completely resuspended. The concentration will be 50 ng/μl.
- 3.-Shake with vortex for 30 seconds to dissolve and homogenize completely.

**Extract preparation:** SDS and proteinase K treatment, phenol/chloroform extraction and ethanol precipitation.

**Shipping and storage:**

Special transport conditions not required. Reconstitute upon receipt. Store between -5°C and -40°C after reconstitution. Avoid multiple freeze-thaw cycles as product degradation may result.

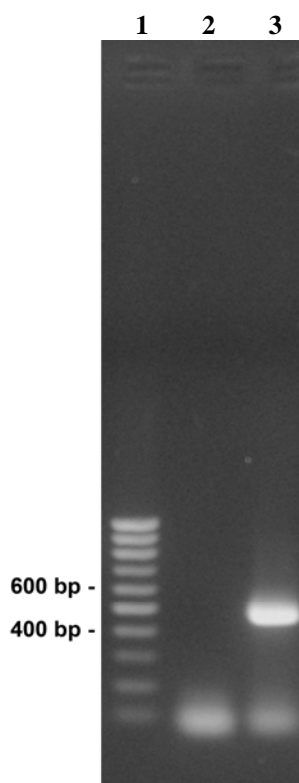
**Recommendations and precautions:**

This product is not for diagnostic use.

This product is for research use only.

This lot of DNA was prepared from *Listeria monocytogenes*. The material should be handled and disposed of as potentially infectious. Observe the local regulations for clinical waste disposal.

**PCR analysis of DNA control:** PCR analysis was performed with specific oligo pair on 50 ng of purified *Listeria monocytogenes* DNA. The reaction produced a 485 bp fragment. It was visualized on a 2% agarose gel using ethidium bromide staining. The gel photograph is shown below:



Line	Sample
1	Molecular size marker (100 bp)
2	Negative control
3	485 bp amplified fragment

For any question please contact:  
[customerservice@vircell.com](mailto:customerservice@vircell.com)

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**FOR RESEARCH USE ONLY**

Manufacturer: VIRCELL, S.L. Pza. Dominguez Ortiz 1. Polígono Industrial Dos de Octubre.18320 Santa Fe \*GRANADA\* SPAIN\* Tel.+34.958.441264\* Fax+34.958.510712  
<http://www.vircell.com>