



Product Sheet

# *Listeria monocytogenes* (ATCC® 19115™)

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**2**

## Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

## Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Listeria monocytogenes* (ATCC® 19115™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** Li 2

**Deposited Name:** *Listeria monocytogenes* (Murray et al.) Pirie

**Antigenic Properties:** serotype 4b

**Product Description:** This organism is a quality control strain for API products.

## Propagation

### Medium

ATCC® Medium 44: Brain Heart Infusion Agar/Broth

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** Aerobic

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From a single tube of #44 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette and use to rehydrate the entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of this suspension to inoculate an additional broth tube, a #44 agar slant and/or a plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

## Notes

On #44 agar, colonies are small, entire, smooth, convex, glistening, and translucent. Cells are regular rods occurring singly, in pairs and short chains. Short rods are most common but longer rods also occur. Some cells exhibit tumbling motility. This strain is β-hemolytic.

Purified genomic DNA of this strain is available as ATCC® 19115D-5™.

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

## Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

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## ***Listeria monocytogenes*** **(ATCC® 19115™)**

damages arising from the misidentification or misrepresentation of cultures.


Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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