Be the First at the Safety Line

Neogen® Molecular Detection Assay 2 (MDA 2) - *Listeria monocytogenes*

***Primary detection method used by the USDA Food Safety and Inspection Service*[1]**

An early detection can save much more than time. The Neogen MDA 2 - *Listeria monocytogenes* provides a solution that is cost effective and easy to use. Reduce time without sacrificing accuracy thanks to its innovative technologies that help you to ensure the quality and protection you always offer to the consumers.

[1] United States Department of Agriculture Food Safety and Inspection Service Microbiology Laboratory Guidebook 4.10.

Specificity and Sensitivity on Real Time Results

The next generation Neogen Molecular Detection Assays use isothermal amplification of nucleic acid sequences with high specificity, efficiency and rapidity. Bioluminescence is used to detect the amplification.

Fewer Steps, Higher Certitude

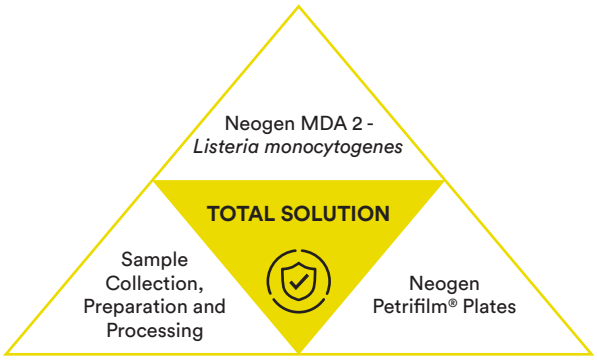
From the species recognized in the genus *Listeria*, *L. monocytogenes* is the one that represents major risks, especially to pregnant women and newborns: infections during pregnancy can lead to miscarriage, stillbirth, premature delivery, or life-threatening infection of the newborn. Be sure those who need more protection are completely safe, at the same time you optimize the production and test time with the speed that the Neogen MDA 2 - *Listeria monocytogenes* offers.

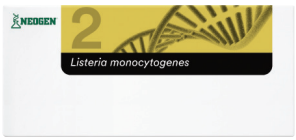
The Neogen MDA 2 - *Listeria monocytogenes* Offers:

- Results in 24 hours (except raw dairy in 48 hours), Days faster than traditional methods
- A large set of sample types: meat, seafood, processed food, environmental sampling
- Unique color change indicator for greater control during test processing
- Fewer steps in pathogen testing
- Positive samples identified as early as 15 minutes
- Flexibility to test 1 to 96 samples in each run
- Ability to incorporate other assays in the same run using the same protocol
- Only two transfer steps after a single enrichment (except raw dairy)
- Ready-to-use and pre-dispensed reagents
- Real-time results to help you make critical decisions faster

A Family Working Together

Neogen brings you a total solution with results in 24 hours to help ensure your customers' safety.



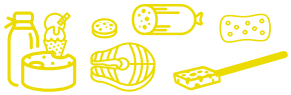


Certifications and Validations

(view the method for specific details on the validations):

- AOAC® *Performance Tested Method*℠ (Certificate #081501)
- AOAC *Official Method of Analysis*℠ (AOAC 2016.08)
- NF VALIDATION certificate granted by AFNOR Certification, 3M 01/15-09/16

Simple and Streamlined Workflow



Ice Cream, Dairy, Ready-to-eat, Environmental sampling

1X g sample

Sample size*: 25–125 g

Demi Fraser/Half Fraser with Ferric Ammonium Citrate (FAC) for Raw Dairy secondary enrichment in Full Fraser with FAC

Primary enrichment 37°C / 24–32 hours

Secondary enrichment 37°C / 20–24 hours

Simple Lysis

75 min

* Varies by matrix; see product instructions.

Ordering Information

Description	Cat. No.	Contents
Molecular Detection Assay 2 - *Listeria monocytogenes*	MDA2LMO96	96 tests/kit

Learn more at **info.neogen.com/MDS**

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