

BBL™ CHROMagar™ Listeria

For the Rapid Detection of *Listeria monocytogenes*

Only BBL™ CHROMagar™ Formulations Have AOAC™-RI Approval

BBL™ CHROMagar™ Listeria is a selective medium for the isolation, differentiation, and identification of *Listeria monocytogenes* and *L. ivanovii* from food* when using FDA BAM, USDA FSIS, AOAC and ISO methods with no confirmatory biochemical tests required.

BBL CHROMagar Listeria demonstrated:

- Faster time to results!
- Accuracy – Sensitivity 100% and specificity 100% in food matrix testing¹
- Detection level of 1-18 CFU/25 g
- Colonies revealed in distinctive, identifiable colors
- Greater recovery from raw ground beef compared to USDA methods
- Greater specificity compared to traditional media saves labor and confirmatory testing costs



* Samples of BBL™ CHROMagar™ Listeria were independently evaluated by the AOAC Research Institute and were found to perform to the producer's specifications as stated in the test kit's descriptive insert. The producer certifies this kit conforms in all respects to the specifications originally evaluated by the AOAC Research Institute as detailed in Performance Tested Methods™ Certificate Number 060501.

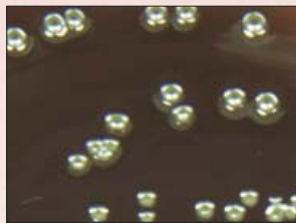


Helping all people
live healthy lives

BBL™ CHROMagar™ Listeria

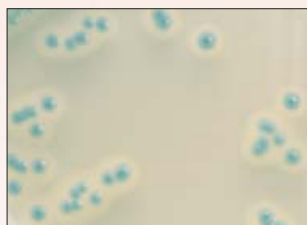
The choice is clear!

- ▶ Can you **recognize** *L. monocytogenes* from *L. welshimeri* on Oxford Medium?



- ▶ **With BBL™ CHROMagar™ Listeria you can!**

- Time to results in 24 to 48 hours from primary enrichment broth
- Presumptive identification of *L. monocytogenes*
 - *L. monocytogenes* produce blue-green colony with an opaque, white halo
 - *Listeria* species produce only blue-green colonies



L. monocytogenes



L. welshimeri

- ▶ **BBL™ CHROMagar™ Listeria provides fast, accurate results reducing your cost per test for food and environmental samples.**

BBL™ CHROMagar™ Listeria is certified by the AOAC™ Research Institute (AOAC-RI) under the Performance Tested Methods Program using FDA BAM, USDA FSIS, and ISO methods.²⁻⁶

BBL™ CHROMagar™ Family AOAC™-RI Approved	Cat. No.	Unit
BBL™ CHROMagar™ Listeria	215085	20 plates
BBL™ CHROMagar™ O157	214984	20 plates
BBL™ CHROMagar™ Salmonella	214983	20 plates
BBL™ CHROMagar™ Staph aureus	214982	20 plates

References:

- ¹ Data on file, Diagnostic Systems, Sparks, MD 21152, USA.
- ² U.S. Department of Agriculture, Food Safety and Inspection Services, Office of Public Health and Science. 2005. Isolation and identification of *Listeria monocytogenes* from red meat, poultry, egg and environmental samples. In Microbiology Laboratory Guidebook, MLG 8.04. <http://www.fsis.usda.gov/Ophs/Microlab/MLg_8_04.pdf>.
- ³ U.S. Food and Drug Administration. 2003. Bacteriological analytical manual (on-line), Chapter 10: Detection and enumeration of *Listeria monocytogenes* in foods. AOAC International, Gaithersburg, MD. <<http://www.cfsan.fda.gov/~ebam/bam-10.html>>.
- ⁴ International Organization for Standards (ISO) Microbiological Methods. 2004. ISO 11290-1, Amendment 1, Microbiology of food and animal feeding stuffs - horizontal method for the detection of *Listeria monocytogenes*.
- ⁵ International Organization for Standards (ISO) Microbiological Methods. 1993. ISO 10560, Milk and milk products - detection of *Listeria monocytogenes*.
- ⁶ AOAC Official Method 993.12, *Listeria monocytogenes* in milk and dairy products. Official Methods of Analysis (OMA), 16th edition, AOAC International, Arlington, VA.

BD Difco™ dehydrated pre-enrichment broth media for sample preparation	Cat No.	Unit
Difco™ Buffered Listeria Enrichment Broth Base	290720	500 g
Difco™ Buffered Peptone Water	218105	500 g
Difco™ UVM Modified Listeria Enrichment Broth	222330	500 g
Difco™ Fraser Broth Base	211767	500 g
Difco™ Fraser Broth Supplement	211742	6 x 10 mL

