BAX® System Q7

Real-Time PCR Assay for *L. monocytogenes*

The BAX® System Real-Time PCR assay for *Listeria monocytogenes* can help companies monitor their environment and products for contamination with *L. mono*. With a shortened, simplified sample preparation procedure and rapid real-time processing, this BAX System assay provides a fast and accurate molecular testing method for *L. mono* in food and environmental samples.

QUA 18/10 - 01/19
Alternative Analytical
Methods for Agribusiness
http://nf-validation.afnor.org/en

Features & Benefits:

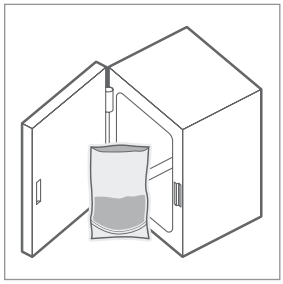
- Clear yes-or-no results in as little as 23 hours for select matrices
- Carefully designed primers target specific genetic sequences possessed only by the target organisms
- Compatible with other BAX System assays for efficient processing
- Minimal components and simplified workflows to maximize efficiency and ease-of-use
- Validated to perform as well or better than standard reference methods for listed product types
- Internal controls included in every test to validate results even in absence of target
- Flexible protocols available to meet your unique workflows
- Internally validated for quantification of *L. mono* in lettuce and laboratory swabs and cultures.

Validations, Certifications and Approvals:

- **AOAC Research Institute**
  Performance Tested Method℠ #121402
  Validated on frankfurters, cooked shrimp, cold smoked salmon, bagged spinach, queso fresco cheese, environmental surfaces (stainless steel, plastic, sealed concrete)
- **NF VALIDATION – certificate granted by AFNOR Certification** QUA 18/10 – 01/19
  Certified according to NF validation rules for food products and production environmental samples

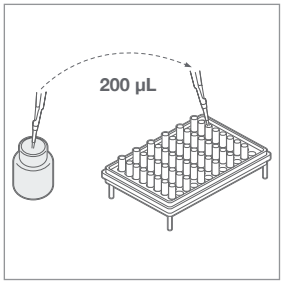
Product No.	Description	Quantity
KIT2005	BAX® System Real-Time PCR Assay for *L. monocytogenes*	96 tests per kit

BAX System Protocol*

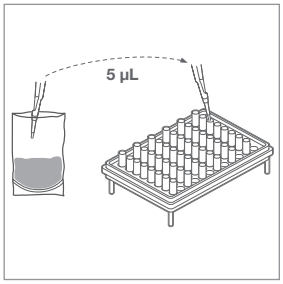


Enrich samples.

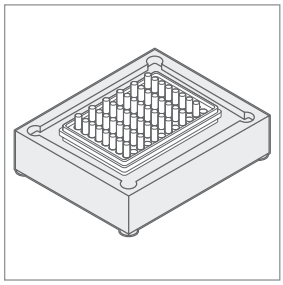
Create rack file and warm up cycler.



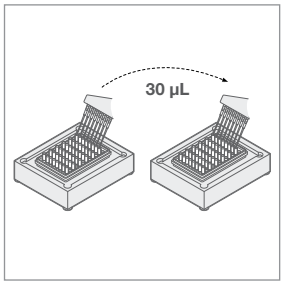
Add protease and lysing agent to lysis buffer bottle, mix then dispense 200 µL of solution into cluster tubes.



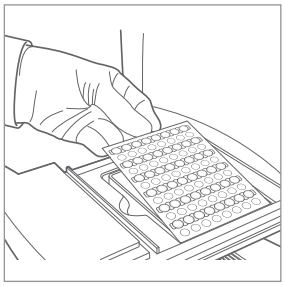
Transfer 5 µL sample enrichment to cluster tubes.



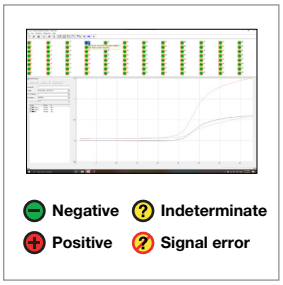
Place samples on automated thermal block for lysis and cooling.



After transferring lysates to PCR tubes in a cooling block, hold for 10-30 minutes.



Place sealed PCR tubes in cycler and immediately click “NEXT” to run program.



Review results.

*Refer to Ready Reference Guide for detailed steps.

Related Products

24 LEB Complete Media
Available enrichment media for customers looking to take full advantage of the rapid time-to-results and ease-of-use offered by select BAX System *Listeria* assays.

BAX System Real-Time PCR Assay for *Salmonella*
Provides accurate, reliable *Salmonella* detection in raw ingredients, finished products and environmental samples using real-time PCR technology to reduce processing time to about one hour.

BAX System Real-Time PCR Assay for Genus *Listeria*
With a shortened, simplified sample preparation procedure and real-time processing, this assay provides a fast and accurate molecular testing method for *Listeria* in food and environmental samples.

Product No.	Description	Quantity
MED2005	24 LEB Complete Media	2.5 kg tub
KIT2006	BAX® System Real-Time PCR Assay for *Salmonella*	96 tests per kit
KIT2019	BAX® System Real-Time PCR Assay for Genus *Listeria*	96 tests per kit