

BAX[®] System **Q**7

PCR Assay for L. monocytogenes 24E

The BAX[®] System PCR Assay for *Listeria monocytogenes* 24E can help companies monitor their environment and products for contamination with *L. mono*. Traditional culture methods can take four days or more to get results, and many rapid methods require a two-stage, 48-hour enrichment. With this BAX System assay, however, accurate and reliable results can be available the next day with a single step 24-28 hour enrichment.

Features & Benefits:

- Clear yes-or-no results in as little as 30 hours for select food and environmental samples
- · Compatible with many other BAX System assays for efficient processing
- Carefully designed primers target specific genetic sequences possessed only by the target organisms
- Validated to perform as well or better than standard reference methods for listed product types
- Minimal components and simplified workflows to maximize efficiency and ease-of-use
- · Internal controls included to validate results even in absence of target
- · Flexible protocols available to meet your unique workflows

Validations, Certifications and Approvals:

AOAC Research Institute

Performance Tested Methodsm #080901

Validated on frankfurters, spinach, cooked shrimp, queso fresco cheese and stainless steel surfaces.

• NF VALIDATION – certificate granted AFNOR Certification QUA 18/05 – 07/08

Validated according to NF Validation rules for meat, seafood, dairy, vegetables and environmental surfaces.

Product No.	Description	Quantity
KIT2002	BAX® System PCR Assay for L. monocytogenes 24E	96 tests per kit

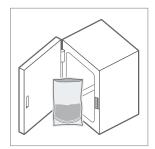




QUA 18/05 - 07/08 Alternative Analytical Methods for Agribusiness http://nf-validation.afnor.org/en



BAX System Protocol*



Enrich samples.

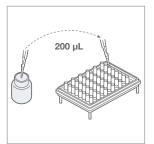


Create rack file and warm up cycler.

50 µL

Transfer lysates to PCR

tubes in a cooling block.



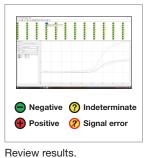
Combine lysing agents and sample and heat. Add protease to lysis buffer bottle, mix, then dispense 200 µl of solution into cluster tubes.



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



Transfer 5 µl heated sample mixture to cluster tubes with lysis mixture.



*Refer to Ready Reference Guide for detailed steps.

Related Products

24 LEB Complete Media

Place samples on automated

thermal block for lysis and

cooling.

Available enrichment media for customers looking to take full advantage of the rapid time-to-result and easeof-use offered by select BAX System *Listeria* assays.

BAX[®] System PCR Assay for Genus Listeria 24E

Obtain accurate and reliable results for *Listeria* in environmental samples and products as soon as next day with a single-step, 24-hour enrichment.

Product No.	Description	Quantity
MED2005	24 LEB Complete Media	2.5 kg tub
KIT2003	BAX® System PCR Assay for Genus Listeria 24E	96 tests per kit