

BAX[®] System Q7

PCR Assay for *L. monocytogenes*

The BAX[®] System PCR assay for *Listeria monocytogenes* can help companies monitor their environment and products for contamination with *L. mono*. With traditional culture methods, technicians may have trouble distinguishing *Listeria monocytogenes* from closely related organisms, and plating can take four days or more to get results. With the genetic-based BAX System, however, accurate and reliable results are available within five hours after enrichment.



Features & Benefits:

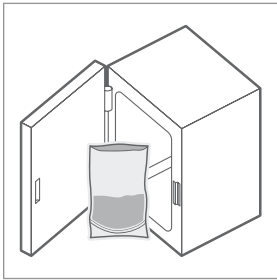
- Accurate and reliable results are available fast with 3.5 hour PCR processing time
- Adopted by the United States Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for screening of *Listeria monocytogenes* in processed meat, poultry, ready-to-eat siluriformes and egg products, and environmental sponge samples
- 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
- Compatible with many other BAX System assays for efficient processing
- Internal controls included with every test to validate results even in absence of target
- Flexible protocols available to meet your unique workflows

Validations, Certifications and Approvals:

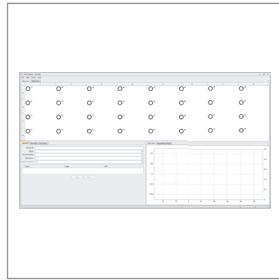
- **AOAC Research Institute**
*Performance Tested Method*SM #070202
Validated on raw and processed meats, fresh fruits and vegetables, seafood, cultured and non-cultured dairy products, fruit juice and environmental surfaces
- **AOAC International**
Official Method #2003.12
Validated for dairy products, fruits, vegetables (except radishes), seafood, raw and processed meats, and poultry
- **USDA-FSIS**
#MLG 8A.06
For processed meat, poultry, ready-to-eat siluriformes and egg products, and environmental sponge samples
- **Health Canada**
#MFLP-28
Raw and ready to eat meat and poultry, eggs and egg products (processed and unprocessed), seafood, dairy, chocolate/bakery products, shelf stable foods, spices, composite foods, fruits and vegetables, cereals, animal feed, environmentals

Product No.	Description	Quantity
KIT2017	BAX [®] System PCR Assay for <i>L. monocytogenes</i>	96 tests per kit

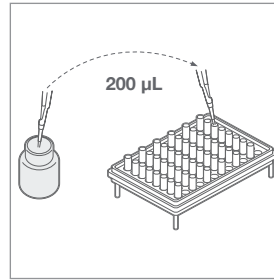
BAX System Protocol*



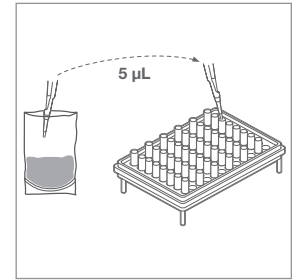
Enrich samples.



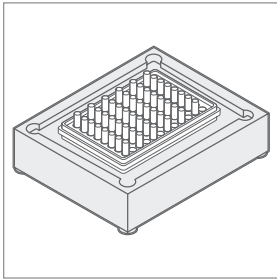
Create rack file and warm up cycler.



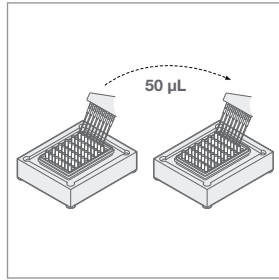
Add protease to lysis buffer bottle, mix, then dispense 200 µl of solution into cluster tubes.



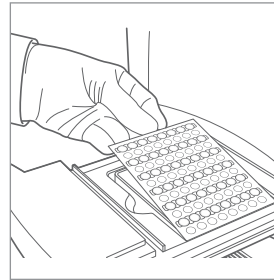
Transfer 5 µL sample enrichment to cluster tubes.



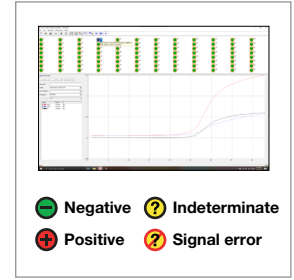
Place samples on automated thermal block for lysis and cooling.



Transfer lysates to PCR tubes held in a cooling block.



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

BAX System PCR Assay for *Salmonella* 2

A second-generation version containing all the benefits of the original *Salmonella* assay, plus hot-start technology to minimize effects of human error.

BAX System PCR Assay for *E. coli* O157:H7 MP

Fine-tuned to recognize not only standard but also new, unusual or modified varieties of *E. coli* O157:H7, this assay offers accuracy, reliability and convenience with flexibility to meet diverse testing needs.

BAX System PCR Assay for Genus *Listeria*

Provides the ability to monitor environments and products for contamination with *Listeria* with results as soon as next day.

Product No.	Description	Quantity
KIT2011	BAX® System PCR Assay for <i>Salmonella</i> 2	96 tests per kit
KIT2004	BAX® System PCR Assay for <i>E. coli</i> O157:H7 MP	96 tests per kit
KIT2016	BAX® System Real-Time PCR Assay for Genus <i>Listeria</i>	96 tests per kit