

BAX® System

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 four 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:

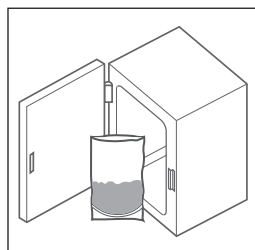
- **AOAC Research Institute**
Performance Tested MethodSM #070202
Validated on raw and processed meats, fresh fruits and vegetables, seafood, cultured and non-cultured dairy products, fruit juice and environmental surfaces
- **AOAC International**
Official Method #2003.12
Validated for dairy products, 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

Hygiena Product Code	Legacy Order Code	Description	Quantity
KIT2017	D11000157	BAX® System PCR Assay for <i>L. monocytogenes</i>	96 tests per kit

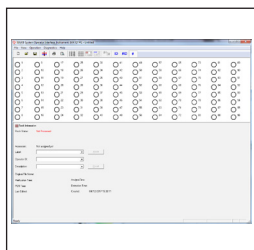


Find support documents, instructional videos, and more at www.hygiena.com

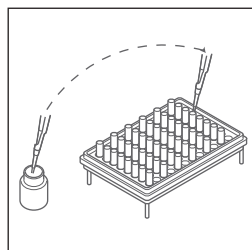
BAX® System Protocol



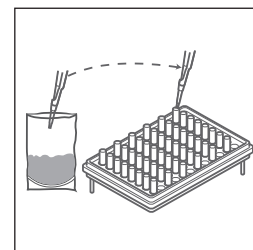
Enrich Samples.



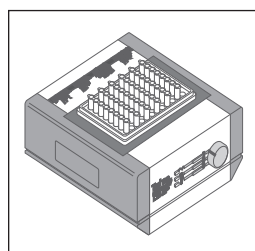
Create rack file and warm up cyclor.



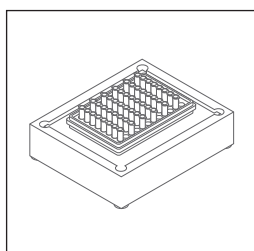
Mix protease with lysis buffer and transfer 200 µL of mixture to cluster tubes.



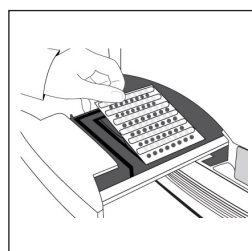
Transfer 5 µL sample enrichment to cluster tubes.



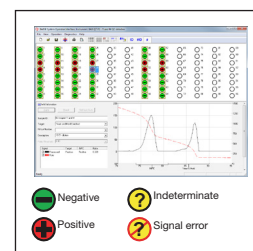
Place samples on automated thermal block for lysis and cooling.



Transfer 50 µL of lysed sample to PCR tubes in cooling block.



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



Review results.

Related Products

BAX® System PCR Assay for *Salmonella* 2

Produces clear yes-or-no results with minimal hands-on time required. Certified as a Performance Tested Method and an Official Method of Analysis by AOAC.

BAX® System PCR Assay for Genus *Listeria*

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



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Hygiene Product Code	Legacy Order Code	Description	Quantity
KIT2011	D14368501	BAX® System PCR Assay for <i>Salmonella</i> 2	96 tests per kit
KIT2016	D11000147	BAX® System Real-Time PCR Assay for Genus <i>Listeria</i>	96 tests per kit



Find support documents, instructional videos, and more at www.hygiene.com