

BAX[®] System Q7

PCR Assay for Genus *Listeria*

The BAX[®] System PCR assay for Genus *Listeria* aids companies monitoring their environment and products for contamination with *Listeria*, a common indicator organism for other pathogens. This assay is validated for a wide variety of food and product matrices, as well as environmental samples and offers flexible enrichment choices that provide results as soon as next-day.



Features & Benefits:

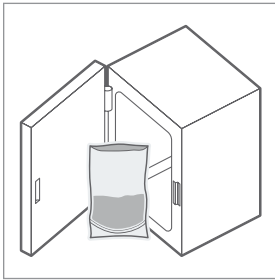
- Clear yes-or-no results in as little as 30 hours for select food and environmental samples
- Carefully designed primers target specific genetic sequences possessed only by the target organisms
- Minimal components and simplified workflows to maximize efficiency and ease-of-use
- Compatible with many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

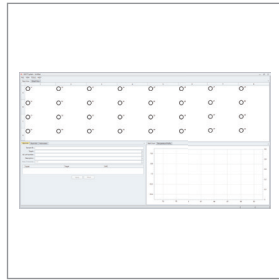
- **AOAC Research Institute**
*Performance Tested Method*SM #030502
Validated for environmental swabs (1" x 1") for cast iron, plastic, air filter material, unpainted wood surface and drain swabs; environmental sponges (4" x 4") on stainless steel, plastic, ceramic tile, sealed concrete, rubber, and painted wood surface; frankfurters, spinach, bagged spinach, smoked salmon, processed cheese and queso fresco cheese.
- **Health Canada**
#MFLP-15
Validated for environmental sponges and swabs.

Product No.	Description	Quantity
KIT2016	BAX [®] System PCR Assay for Genus <i>Listeria</i>	96 tests per kit

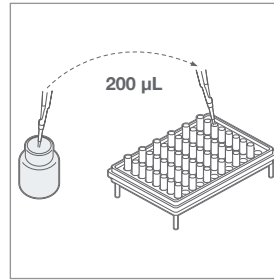
BAX System Protocol*



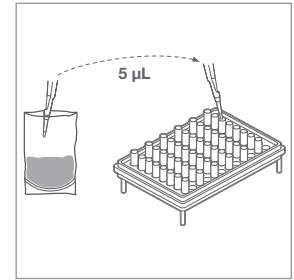
Enrich samples.



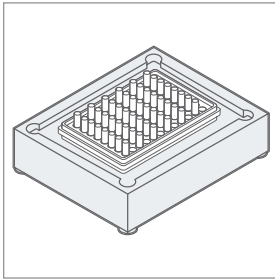
Create rack file and warm up cyclers.



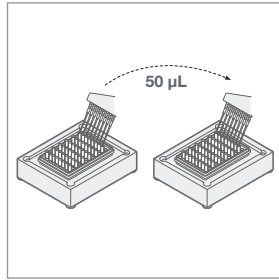
Add protease to lysis buffer bottle, mix then dispense 200 µL of solution into cluster tubes.



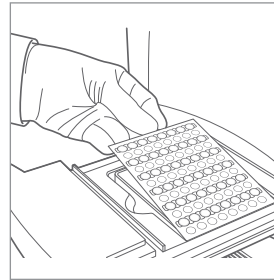
Transfer 5 µL sample enrichment to cluster tubes.



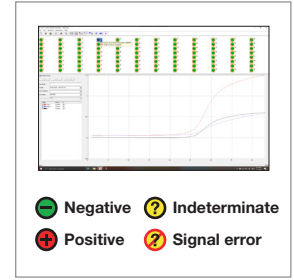
Place samples on automated thermal block for lysis and cooling.



Transfer lysates to PCR tubes in a cooling block.



Place sealed PCR tubes in cyclers 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 Real-Time PCR Assay for *Salmonella*

Uses real-time PCR technology to reduce processing time to about one hour, helping food companies make product release decisions with speed and confidence.

BAX® System *Listeria* Enrichment Media

Provides nutrients and stable pH conditions to improve recover of *Listeria* cells from sponges and swabs used to sample food contact surfaces and other environmental areas.

Product No.	Description	Quantity
KIT2011	BAX® System PCR Assay for <i>Salmonella</i> 2	96 tests per kit
KIT2006	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	96 tests per kit
MED2002	BAX® System <i>Listeria</i> Enrichment Media	2.5 kg tub
KIT2019	BAX® System Real-Time PCR Assay for Genus <i>Listeria</i>	96 tests per kit