BAX® System

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. monocytogenes* in food and environmental samples.

Features & Benefits:

PERFORMANCE TESTED AOAC RESEARCH INSTITUTE LICENSE NUMBER 121402

- Clear yes-or-no results in as little as 22 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

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)

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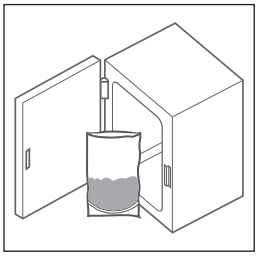
PO Box 1038, Gymea, NSW, 2227

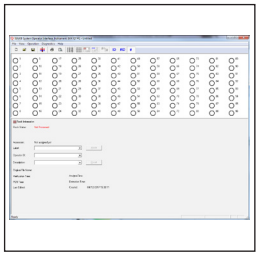
Hygiena Product Code	Legacy Order Code	Description	Quantity
KIT2005	D15134303	BAX® System Real-Time PCR Assay for *L. monocytogenes*	96 tests per kit

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

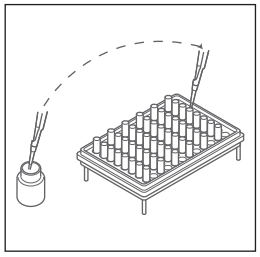
BAX® System Protocol



Enrich Samples.
- See reference method or proprietary media options.

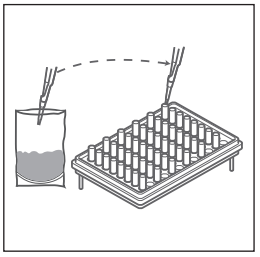


Create rack file and warm up cycler.

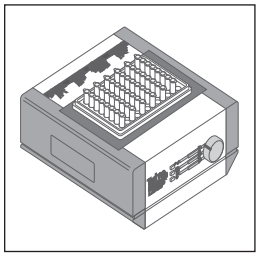


Mix protease, Lysing Agent 2 and lysis buffer to create lysing reagent.*

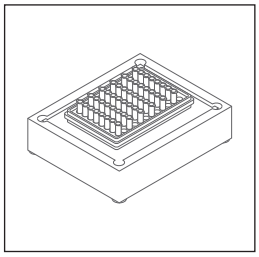
** Lysis reagent prepared with protease and Lysing Agent 2 can be stored at 2-8°C for up to 1 week.*



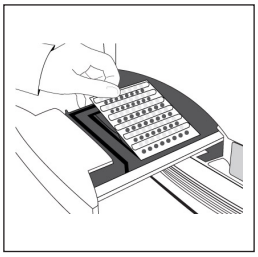
Transfer 200 µL lysis reagent and 5 µL sample enrichment to cluster tubes.



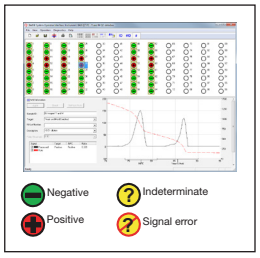
Place samples on automated thermal block for lysis and cooling.



Transfer 30 µL of lysed sample to PCR tubes in cooling block.



Place sealed PCR tubes in cycler and run program.



Review results.

Related Products

24 LEB Complete

Available enrichment media for customers looking to take full advantage of the rapid time-to-result 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.

Actero™ Elite *Listeria* Enrichment Media

A selective bacterial culture medium specifically optimized for the recovery of *Listeria spp*. and *Listeria monocytogenes* from environmental and food samples in a single-step enrichment.

Hygiena Product Code	Legacy Order Code	Description	Quantity
MED2005	D14654989	24 LEB Complete	2.5 kg tub
KIT2006	D14306040	BAX® System Real-Time PCR Assay for *Salmonella*	96 tests per kit
MED2017 / MED2018 / MED2020	FCM-011 / FCM-022 / FCM-023	Actero™ Elite *Listeria* Enrichment Media (Dehydrated)	500g / 2kg / 10kg

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