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 are available the next day with a single step, 24-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 by AFNOR Certification QUA 18/05-07/08
  (Validation study performed in accordance with EN ISO 16140-2) Certified according to NF Validation rules for all human food products and production environmental samples

<table>
<thead>
<tr>
<th>Legacy Order Code</th>
<th>Hygiene Product Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>D13608125</td>
<td>KIT2002</td>
<td>BAX® System PCR Assay for <em>L. monocytogenes</em> 24E</td>
<td>96 tests per kit</td>
</tr>
</tbody>
</table>

Find support documents, instructional videos, and more at [www.hygiena.com](http://www.hygiena.com)
BAX® System Protocol

Create rack file and warm up cycler.

Dilute Lysing agent 1 with 1.8 mL sterile water, and combine in 4:1 ratios with Lysing agent 2.

Transfer 50 µL of combined agents to cluster tubes, then add 0.5 mL enriched sample and incubate for 30 minutes at 37°C.

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

Transfer 5 µL of lysate 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.

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

Transfer 5 µL of lysate 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.

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 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.

<table>
<thead>
<tr>
<th>Hygiena Product Code</th>
<th>Legacy Order Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED2005</td>
<td>D14654989</td>
<td>24 LEB Complete</td>
<td>2.5 kg tub</td>
</tr>
<tr>
<td>KIT2003</td>
<td>D13608135</td>
<td>BAX® System PCR Assay for Genus Listeria 24E</td>
<td>96 tests per kit</td>
</tr>
</tbody>
</table>

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