

# BAX® System Q7

## Real-Time PCR Assay for *Campylobacter jejuni/coli/lari*

Since *Campylobacter* is one of the most prevalent foodborne pathogens, rapid and reliable *Campylobacter* detection in poultry and other food products has become more important than ever. Traditional methods can be labor intensive, time-consuming and prone to user error. Now, use the power of DNA to detect these bacteria with certainty; the BAX® System Real-Time PCR Assay for *Campylobacter jejuni/coli/lari* accurately and rapidly detects these pathogens with minimal operator handling, easy to follow procedures and intuitive result interpretation.



### Features & Benefits:

- Clear yes-or-no results in as little as 3 hours for highly contaminated samples; 27 hours for enriched matrices
- Adopted by the United States Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for screening poultry rinses, sponges, and raw product samples for the presence of *Campylobacter jejuni/coli/lari*
- Multiplex technology generates a positive result if any one of three pathogenic *Campylobacter* species are present (*coli*, *jejuni*, *lari*)
- CampyQuant™ protocols for quantification of *Campylobacter* in poultry matrices
- 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 in every test to validate results even in absence of target

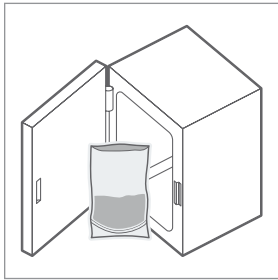
### Validations, Certifications and Approvals:

Validated to perform equivalently to standard reference methods for listed product types.

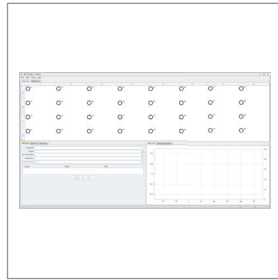
- **AOAC Research Institute**  
*Performance Tested Method*™ #040702  
 Validated on poultry carcass rinses and processed turkey.
- **USDA-FSIS**  
 #MLG 41A.00  
 For screening *Campylobacter* in poultry rinses, sponge and raw product samples.

Product No.	Description	Quantity
KIT2018	BAX® System Real-Time PCR Assay for <i>Campylobacter</i>	96 tests per kit

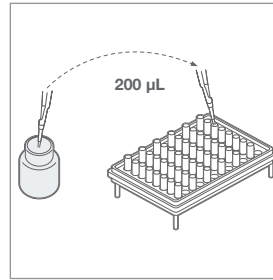
## BAX System Protocol\*



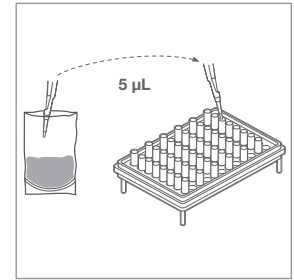
Enrich samples.



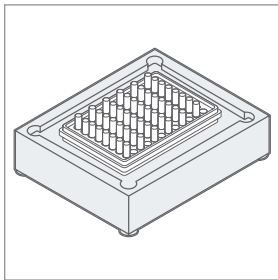
Create rack file and warm up cycler.



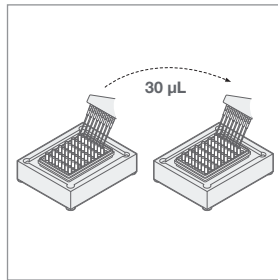
Add protease to lysis buffer bottle, mix, then dispense 200 µL of solution into cluster tubes.



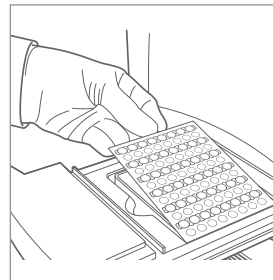
Transfer 5 µL sample enrichment to cluster tubes.



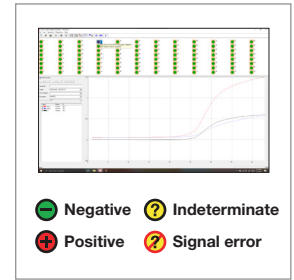
Place samples on automated thermal block for lysis and cooling.



After transferring lysates to PCR tubes in a cooling block, hold for 10-30 minutes.



Place sealed PCR tubes in cyclor 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.

### foodproof® *Salmonella* Enteritidis and Typhimurium Detection LyoKit

A real-time kit for the qualitative detection and differentiation of *S. Enteritidis* and *S. Typhimurium* (including the variant, 4,[5],12:i:-) in a single assay.

### 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.

### foodproof® *Salmonella* Genus plus Enteritidis & Typhimurium Detection LyoKit

A real-time PCR kit for the qualitative detection of *Salmonella* spp. and identification of *Salmonella* Enteritidis and *Salmonella* Typhimurium in one assay.

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
KIT230106 (LP*), KIT230107 (RP*)	foodproof® <i>Salmonella</i> Enteritidis and Typhimurium Detection LyoKit	96 tests per kit
KIT230134 (LP*), KIT230105 (RP*), KIT230106 (DP*)	foodproof® <i>Salmonella</i> Genus plus Enteritidis & Typhimurium Detection LyoKit	96 tests per kit

\*Tube types: LP = low profile, RP = regular profile, DP = deep profile