

BAX® System Q7

Real-Time PCR Assay for *Shigella*

Food companies and government labs that use standard culture methods to screen food for *Shigella* can now use the BAX® System to quickly eliminate negative results and reduce the number of samples that must be confirmed. Using real-time PCR technology, the BAX System produces reliable screening results in less than two hours after enrichment. Fewer presumptive positive results means reduced hands-on time and cost for culture confirmations, improving operational efficiency and leading to earlier product release decisions.

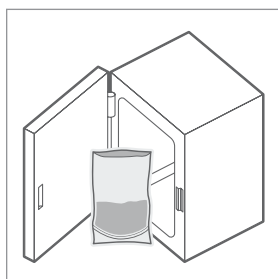


Features & Benefits:

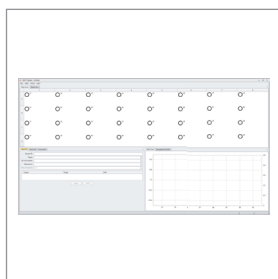
- Clear yes-or-no results in as little as 10 hours for select matrices
- Compatible with other BAX System assays for efficient processing
- Carefully designed primers target specific genetic sequences possessed only by the target organisms
- Minimal components and simplified workflows to maximize efficiency and ease-of-use
- Internal controls included in every test to validate results even in absence of target
- Flexible protocols available to meet your unique workflows

Product No.	Description	Quantity
KIT2007	BAX® System Real-Time PCR Assay for <i>Shigella</i>	96 tests per kit

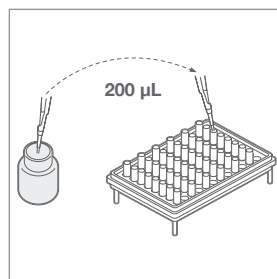
BAX System Protocol*



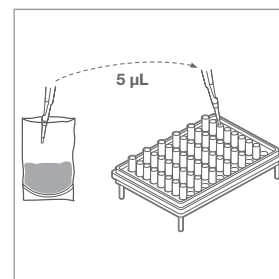
Enrich samples.



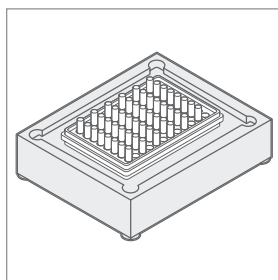
Create rack file and warm up cycler.



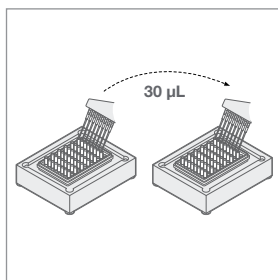
Add protease to lysis buffer bottle, mix, then dispense 200 µL of solution into cluster tubes.



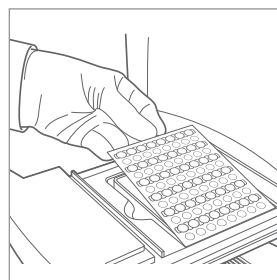
Transfer 5 µL sample enrichment to cluster tubes.



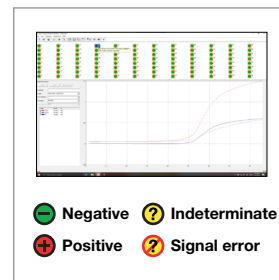
Place samples on automated thermal block for lysis and cooling.



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



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



Review results.

*Refer to Ready Reference Guide for detailed steps.

Related Products

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.

BAX System Real-Time PCR Assay for *E. coli* O157:H7

Real-time PCR assay providing same-day results that are reliable and reproducible, allowing food producers and processors to quickly and accurately release safe products to the market.

Product No.	Description	Quantity
KIT2006	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	96 tests per kit
KIT2000	BAX® System Real-Time PCR Assay for <i>E. coli</i> O157:H7	96 tests per kit