



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 Shigella	96 tests per kit

BAX System Protocol*



Place samples on automated

thermal block for lysis and

cooling.

Enrich samples.



Create rack file and warm up cycler.

30 µL

After transferring lysates to

hold for 10-30 minutes.

PCR tubes in a cooling block,



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



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



Transfer 5 µL sample enrichment to cluster tubes.



*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 Salmonella	96 tests per kit
KIT2000	BAX [®] System Real-Time PCR Assay for <i>E. coli</i> O157:H7	96 tests per kit