

BAX[®] System Q7

Real-Time PCR Assay for *Staphylococcus aureus*

Culture methods for isolation and enumeration of *Staphylococcus aureus* can take more than 5 days to complete and requires multiple plates. Fortunately, companies can now get faster results using a BAX[®] System real-time PCR assay for reliable genetic detection of *Staphylococcus aureus* the day after sampling.



Features & Benefits:

- Clear yes-or-no results in as little as 23 hours for select matrices
- Flexible protocols available to meet your unique workflows
- 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

Validations, Certifications and Approvals:

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

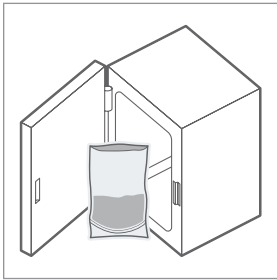
- **AOAC Research Institute**

*Performance Tested Method*SM #120701

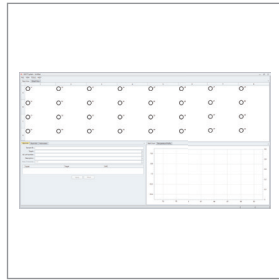
Validated for presence/absence testing on soy and milk-based powdered infant formula. Validated for threshold testing on ground beef and soy protein isolate.

Product No.	Description	Quantity
KIT2020	BAX [®] System Real-Time PCR Assay for <i>Staphylococcus aureus</i>	96 tests per kit
KIT230103 (LP)	foodproof [®] <i>Staphylococcus</i> Detection LyoKit	96 tests per kit
KIT230200	foodproof [®] SL <i>Staphylococcus aureus</i> Detection Kit	50 tests per kit

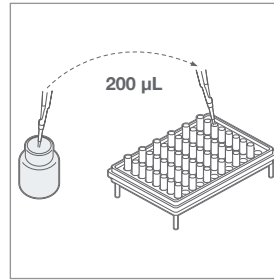
BAX System Protocol*



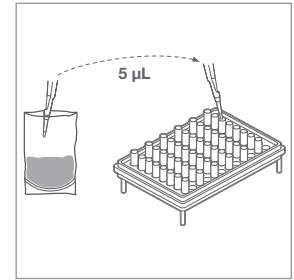
Enrich samples.



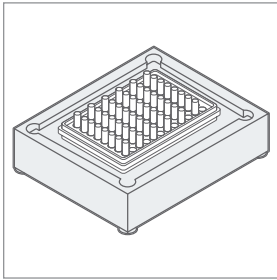
Create rack file and warm up cycler.



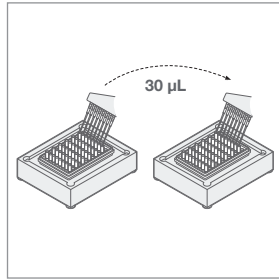
Add protease to lysis buffer bottle, mix, then dispense 200 µL of solution into cluster tubes.



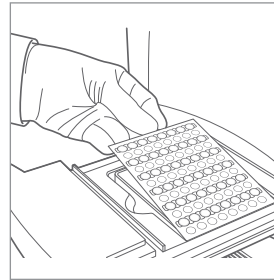
Transfer 5 µL sample enrichment to cluster tubes.



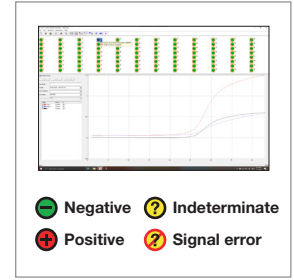
Place samples on automated thermal block for lysis and cooling.



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*

Uses real-time PCR technology to reduce processing time to about one hour, helping food companies make product release decisions with speed and confidence.

BAX® System PCR Assay for *Cronobacter (E. sakazakii)*

Validated to perform as well as or better than the FDA-recommended culture method for detecting this species, but with a significantly faster time to results.

Product No.	Description	Quantity
KIT2006	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	96 tests per kit
KIT2001	BAX® System PCR Assay for <i>Cronobacter (E. sakazakii)</i>	96 tests per kit
KIT230103 (LP)	foodproof® <i>Staphylococcus</i> Detection LyoKit	96 tests per kit
KIT230200	foodproof® SL <i>Staphylococcus aureus</i> Detection Kit	50 tests per kit