

BAX® System

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
- 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 in every test to validate results even in absence of target



Validations, Certifications and Adoptions:

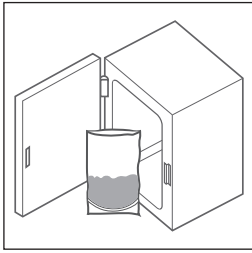
- **AOAC Research Institute**
Performance Tested MethodSM #120701
Validated for presence/absence testing on soy and milk-based powdered infant formula.
Validated for threshold testing on ground beef and soy protein isolate

Hygiena Product Code	Legacy Order Code	Description	Quantity
KIT2020	D12762689	BAX® System Real-Time PCR Assay for <i>Staphylococcus aureus</i>	96 tests per kit

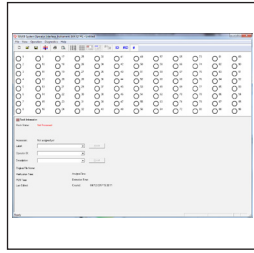


Find support documents, instructional videos, and more at www.hygiena.com

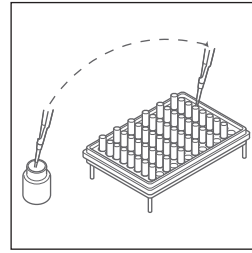
BAX® System Protocol



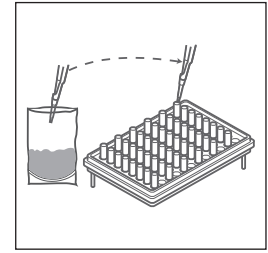
Enrich Samples.



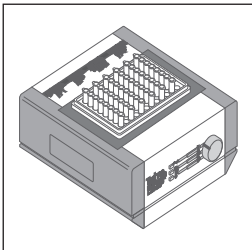
Create rack file and warm up cycler.



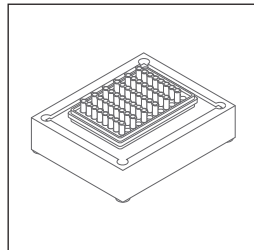
Mix protease with lysis buffer and transfer 200 µL of mixture to cluster tubes.



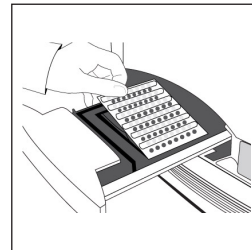
Transfer 5 µL sample to cluster tubes.



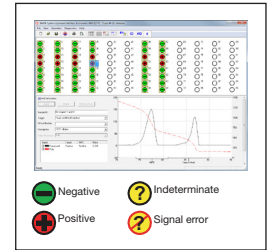
Place samples on automated thermal block for lysis and cooling.



Transfer 30 µL of lysed sample to PCR tubes in cooling block.



Place sealed PCR tubes in cyclor and run program.



Review results.

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 result.

Hygiena Product Code	Legacy Order Code	Description	Quantity
KIT2006	D14306040	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	96 tests per kit
KIT2001	D11801836	BAX® System PCR Assay for <i>Cronobacter (E. sakazakii)</i>	96 tests per kit



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