

BAX® System Q7

Real-Time PCR Assay for *Vibrio* *V. cholerae/parahaemolyticus/vulnificus*

Reduce time to results by 30-80% for seafood processors and inspectors as current *Vibrio* culture methods require at least 3-5 days for results and subjective interpretation. The BAX® System Real-Time PCR Assay for *Vibrio cholerae/parahaemolyticus/vulnificus*, however, delivers differentiated results that are reliable and highly specific to these three common strains of *Vibrio* in less than 24 hours.



Features & Benefits:

- **Results in less than 24 hours**
- Clear yes-or-no results in as little as 19 hours for select matrices
- Multiplex technology generates a positive result if any one of 3 pathogenic *Vibrio* species are present (*V. cholerae*, *V. parahaemolyticus*, *V. vulnificus*)
- 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

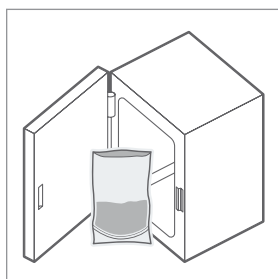
Validations, Certifications and Approvals:

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

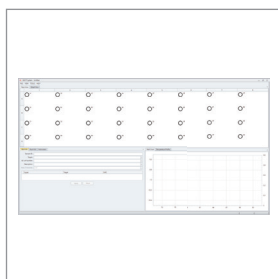
- **AOAC Research Institute**
*Performance Tested Method*SM #050902
Validated for presence/absence testing for tuna, shrimp and scallops. Validated for MPN analysis for shrimp, scallops and oysters.

Product No.	Description	Quantity
KIT2010	BAX® System Real-Time PCR Assay for <i>Vibrio</i>	96 tests per kit

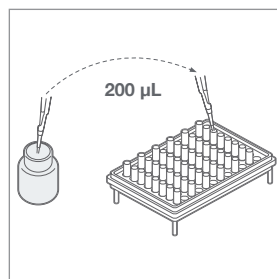
BAX System Protocol*



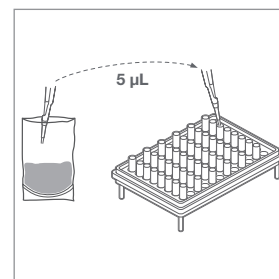
Enrich samples.



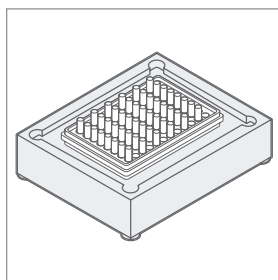
Create rack file and warm up cycler.



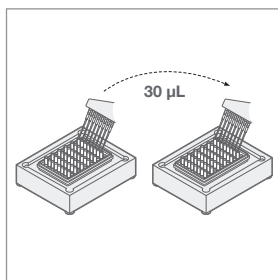
Add protease to lysis buffer bottle, mix, then dispense 200 µL of solution into cluster tubes.



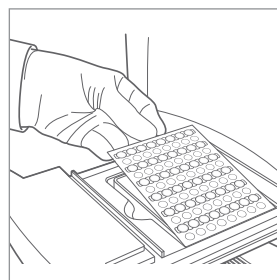
Transfer 5 µL sample enrichment to cluster tubes.



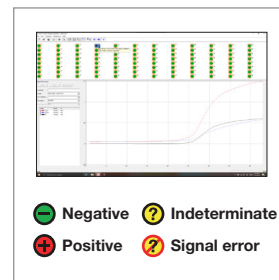
Place samples on automated thermal block for lysis and cooling.



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 Genus *Listeria*

With a shortened, simplified sample preparation procedure and real-time processing, this assay provides a fast and accurate molecular testing method for *Listeria* in food and environmental samples.

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.

Product No.	Description	Quantity
KIT2019	BAX® System Real-Time PCR Assay for Genus <i>Listeria</i>	96 tests per kit
KIT2006	BAX® System Real-Time PCR Assay for <i>Salmonella</i>	96 tests per kit