

BAX[®] System Q7

PCR Assay for *Salmonella* 2

The BAX[®] System PCR assays for *Salmonella* 2 produce clear yes-or-no results for *Salmonella* species with minimal hands-on required. The *Salmonella* 2 assay features proprietary hot-start technology that helps reduce the effects of human error. Join the growing family of food processors, government agencies and service laboratories that trust the BAX System for accurate, reliable, easy-to-use *Salmonella* detection in raw ingredients, finished products and processing environments.

Features & Benefits:

- Clear yes-or-no results in as little as 13 hours for select food samples; 24 hours for environmental surfaces
- Carefully designed primers for target-specific genetic sequences possessed only by the target organisms
- Included internal controls to validate results even in absence of target
- Minimal components and simplified workflows to maximize efficiency and ease-of-use
- Flexible protocols available to meet your unique workflows
- Compatible with other BAX System assays for efficient processing

Validations, Certifications and Approvals:

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

- **AOAC Research Institute**
*Performance Tested Method*SM #100201
Validated on black pepper, custard, 2% milk, chilled ready meal, chipped ham, chocolate, cooked chicken, raw ground chicken, hot dogs, nonfat dry milk, orange juice, peanut butter, alfalfa sprouts, cooked fish, prawns, macaroni, pizza dough, frozen peas, dry pet food, soy protein flour, ground beef, spinach, lettuce, liquid egg, cream cheese, peanut butter, beef trim. concrete, stainless steel, ceramic tile, plastic, epoxy material affixed to a support matrix.
- **AOAC International**
*Official Method of Analysis*SM (OMA) #2003.09
Validated on raw ground beef, raw ground chicken, raw frozen fish, mozzarella cheese, frankfurters and orange juice.
- **USDA-FSIS Adopted**
#MLG 4C
- **NF VALIDATION certificate granted by AFNOR Certification** QUA 18/03-11/02
Validated according to NF Validation for all human food products, feed products and industrial production environmental samples.
- **NordVal Certificate #30**
Validated for use on food, feed and environmental samples.
- **Health Canada MFLP-29**
Validated for use on dairy, eggs, meat and poultry, seafood, vegetables and other foods.
- **NPIP Approved**

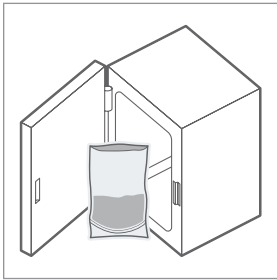


QUA 18/03 - 11/02
Alternative Analytical
Methods for Agribusiness
<http://nf-validation.afnor.org/en>

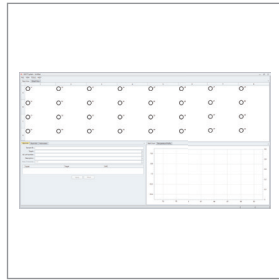


Product No.	Description	Quantity
KIT2011	BAX [®] System PCR Assay <i>Salmonella</i> 2	96 tests per kit

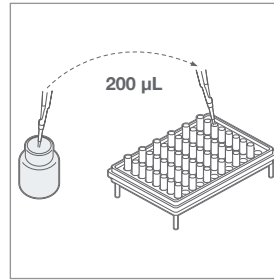
BAX System Protocol*



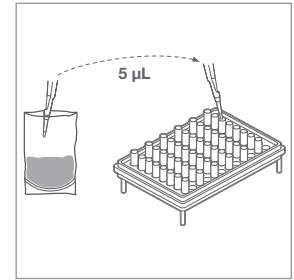
Enrich samples.



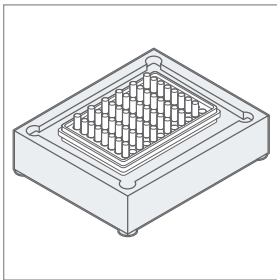
Create rack file and warm up cycler.



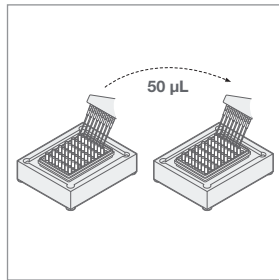
Add protease to lysis buffer bottle, mix then dispense 200 µL of solution into cluster tubes.



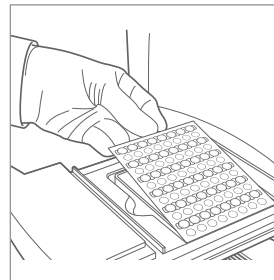
Transfer 5 µL sample enrichment to cluster tubes.



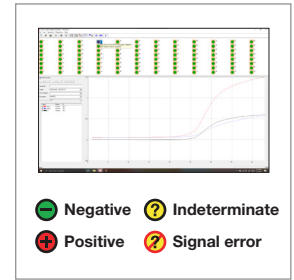
Place samples on automated thermal block for lysis and cooling.



Transfer lysates to PCR tubes in a cooling block.



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 MP Media

Available enrichment media for customers looking to take full advantage of the rapid time-to-results and ease-of-use offered by select BAX System *E. coli* and *Salmonella* assays.

StatMedia™ Soluble Packets

Gamma-irradiated BAX System MP Media in convenient, water-soluble packets for reduced mess and preparation. Simply drop in pre-warmed sterile water and mix with sample.

Hygiena® Dehydrated Culture Media (BPW)

Buffered Peptone Water is a non-selective pre-enrichment medium used to help improve the recovery of *Salmonella* and *Cronobacter*.

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
MED2003	BAX® System MP Media	2.5 kg tub
MED2016	StatMedia™ Soluble Packets	20 x 5 x 33.75 g
MED2011	Hygiena® Dehydrated Culture Media (BPW)	500 gm
KIT2000	BAX® System Real-Time PCR Assay for <i>E. coli</i> O157:H7	96 tests per kit
KIT2006	BAX® System Real-Time <i>Salmonella</i>	96 tests per kit