BAX® System

Real-Time PCR Assay for *Salmonella*

Food processors and associated laboratories around the world use the BAX® System for accurate, reliable *Salmonella* detection in raw ingredients, finished products and environmental samples. Now, the BAX® System Real-Time PCR Assay for *Salmonella* provides the same clear, dependable results even faster.

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

PERFORMANCE TESTED AOAC RESEARCH INSTITUTE LICENSE NUMBER 081201

NF VALIDATION EN ISO 16140

QUA 18/08 -03/15
Alternative Analytical Methods for Agribusiness
http://nf-validation.afnor.org/en

Features & Benefits:

- Clear yes-or-no results in as little as 13 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
- Validated to perform as well or better than standard reference methods for listed product types
- Internal controls included in every test 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

Validations, Certifications and Adoptions:

- **AOAC Research Institute**
  Performance Tested Method℠ #081201
  Validated on raw ground beef, poultry carcass rinse, bagged lettuce, cream cheese, dry pet food, milk chocolate, chocolate liquor, cocoa powder, shell egg, stainless steel surfaces, plastic surfaces

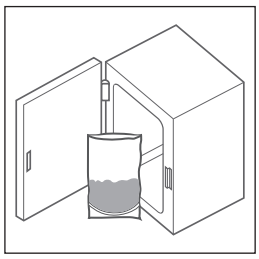
- **NF VALIDATION certificate granted by AFNOR Certification** QUA 18/08 – 03/15
  (Validation study performed in accordance with EN ISO 16140-2) All human food products, pet food and production environmental samples (except primary production environment)

- **AOAC International**
  Official Method of Analysis℠ #2013.02
  Validated on raw meat and poultry, poultry rinse, dairy, pet food, egg and egg products, environmental surfaces, fruits, spices, produce, ready to eat foods, seafood, peanut butter and cocoa

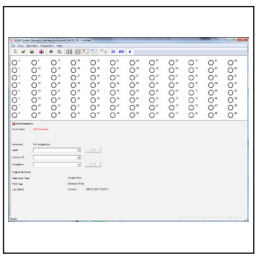
Hygiena Product Code	Legacy Order Code	Description	Quantity
KIT2006	D14306040	BAX® System Real-Time PCR Assay for *Salmonella*	96 tests per kit

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

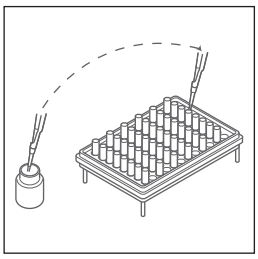
BAX® System Protocol



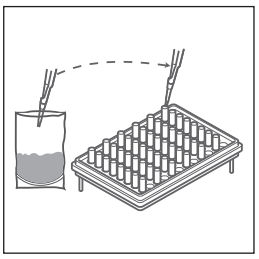
Enrich Samples.



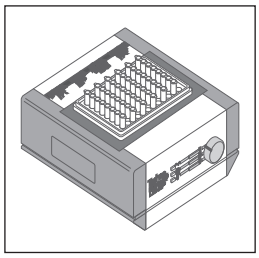
Create rack file and warm up cycler.



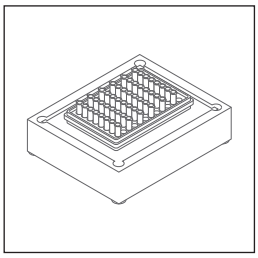
Mix protease with lysis buffer and transfer 200 µL of mixture to cluster tubes.



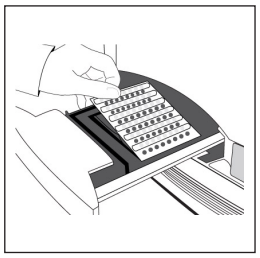
Transfer 5 µL sample to cluster tubes.



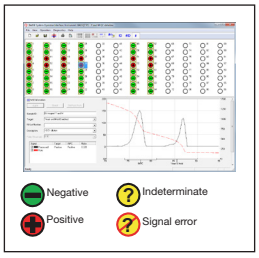
Place samples on automated thermal block for lysis and cooling.



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



Place sealed PCR tubes in cycler and run program.



Review results.

Related Products

BAX® System MP Media

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

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*.

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.

Actero™ Elite Salmonella Enrichment Media

A selective bacterial culture medium specifically optimized for the recovery of *Salmonella spp*. from environmental and food samples in a single-step enrichment.

Hygiena Product Code	Legacy Order Code	Description	Quantity
MED2003	D12404925	BAX® System MP Media	2.5 kg tub
MED2016	D12745725	StatMedia™ Soluble Packets	20x5x33.75g
MED2011	D15452596	Hygiena™ Dehydrated Culture Media (BPW)	500g
MED2023	FCM-009	Actero™ Elite Salmonella Enrichment Media	500g

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