

BIOMÉRIEUX

WHEN ACCURACY COUNTS, GET A REAL NUMBER

Quickly Quantify *Salmonella*



Your Trusted Partner in Augmented Diagnostics

PIONEERING DIAGNOSTICS

MAKE SMARTER DECISIONS, FASTER. TRUE COUNTS IN LESS THAN 4 HOURS.

Quantifying *Salmonella* is crucial because it helps assess contamination levels and implement targeted interventions before products reach consumers. By measuring bacterial load rather than just detecting its presence, producers can make data-driven decisions to improve food safety and comply with regulatory standards.

Validated across a range of poultry matrices, GENE-UP® QUANT *Salmonella* brings efficiency and ease with accurate quantification of *Salmonella*, empowering data-driven responses to *Salmonella* risks.

How It Works

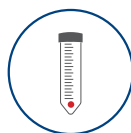
(≥ 10 CFU Protocol)



Sample Preparation



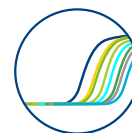
Spin & Concentrate



Lysis



Transfer to PCR tube,
Place in GENE-UP®



Accurate
Quantitative Results

SAMPLE PREP & LYSIS: ~40 MINS

PCR & DATA ANALYSIS: 2.5 HOURS

GENE-UP® QUANT *Salmonella* Impact A Fresh Approach For The Poultry Industry

THE SCIENCE

- Accurate counts up to 7 logs
- < 1 CFU / g protocol available for NRTE breaded stuffed raw chicken products
- No enrichment, incubation, or dilutions*
- Results in less than 4 hours*

THE IMPACT

- Reliable quantification for better contamination control
- Helps ensure food safety compliance for high-risk products
- Saves time, reduces complexity, lowers costs, and removes enrichment bias
- Faster decision-making, improved efficiency and treatment adjustments

*When following the ≥ 10 CFU protocol



New Study Highlights & Recognizes GENE-UP® QUANT *Salmonella* Accuracy in *Salmonella* Detection for Poultry¹

According to a recent JFP article "Evaluation of Methods for Identifying Poultry Wing Rinses With *Salmonella* Concentrations Greater Than or Equal to 10 CFU / mL", GENE-UP® QUANT *Salmonella* correctly identifies poultry rinses with *Salmonella* concentrations ≥ 10 CFU / mL at approximately the same rate as MPN.

Additionally, other methods evaluated underestimated *Salmonella* concentrations by > 1 log CFU / mL.



ORDERING INFORMATION

GENE-UP® QUANT *Salmonella*
IS1085 | 24 Assays



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biomerieux.com/quant-salmonella

1. Schmidt et al. J Food Prot, 2024 Sep 18;87(11):100362. doi: 10.1016/j.jfp.2024.100362.