

Fastest affordable *Salmonella* testing available in New Zealand

We are excited to introduce to the market the new BACGene platform, exclusive to Eurofins in New Zealand.

Why wait 48 hours to release your product or identify possible issues with your production when 24 hours are sufficient, for the same price!

BACGene *Salmonella* spp. for the qualitative real-time PCR detection of *Salmonella* spp. AFNOR FN-certified, AOAC® Performance TestedSM-certified and IANZ accredited.

Speed

- Rapid real-time detection with a turnaround time within 24 hr from pre-enrichment to reporting, compared to the current industry standard of 48 – 72hr
- Real-time results allow fast decision making

Specificity

- Utilises *Salmonella*-specific primers and probe components that target a specific region of the *Salmonella* genome
- Tested with a wide range of micro-organisms for specificity, including 100 *Salmonella* strains and 30 different competing micro-organisms: no cross-reaction, no false positive, no re-test!

Cost-Effective

- Same price as current industry standard methods. Matrix and volume dependent

Sensitivity & Accuracy

- Remarkable limit of detection at 1 cfu per sample
- Built in process quality controls for each PCR reaction to ensure accuracy

Scaleability

- 96-well format for high-throughput capability

Sample Matrices

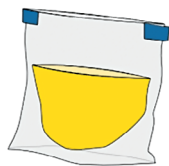
BACGene *Salmonella* spp. kit is AFNOR FN-certified according to ISO 16140, as an ISO 6579-equivalent method for *Salmonella* spp. detection, also the BACGene *Salmonella* spp. kit is certified as AOAC® Performance TestedSM

The certification and our IANZ accreditation cover a wide range of matrices including but not limited to:

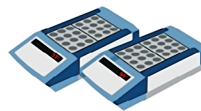
- Milk powders & infant formula (with and without probiotics) up to 375g (including export)
- Milk and dairy products
- Meat and meat products (including export)
- Produces (fruit and vegetables)
- Ready to eat foods (dips, sauces, meals etc.)
- Fish and seafood products (including export)
- Eggs and egg products
- Pasteurized whole liquid eggs
- Feed
- Pet food (up to 375 g)
- Environmental samples (swabs, sweepings etc.)



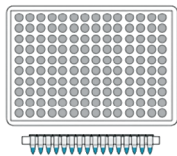
Next Day Results & Simple Workflow:



Enrichment and sampling
Single enrichment in BPW for only 16 h (Dairy products 18 h)

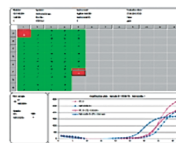


Simple lysis protocol
37°C, 20 min
95°C, 10 min



Transfer of lysates to a PCR Plate with pre-dispensed MasterMix

PCR run time
~ 1 h 40 min



Export and Evaluation with BacGene Evaluation sheet

15 min

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