



Rapid detection from the start

Neogen® Molecular Detection Assay 2 (MDA 2) - *Cronobacter*

The first isothermal molecular method for the detection of Cronobacter spp.

Cronobacter has emerged as a pathogen of concern in Powdered Infant Formula (PIF). Producers need rapid, easy-to-use, and specific detection methods.

A simplified workflow with fewer steps and no prep helps you save time and reduce costs. Next-day results mean you can take action sooner. As part of the Neogen Molecular Detection System, you can be confident with information you can trust.

Get results. Make decisions. Take action.

Using a combination of advanced technologies — isothermal DNA amplification and bioluminescence detection — the Neogen MDA 2 - *Cronobacter* overcomes the limitations of traditional agar and PCR-based methods.



Compared to Agar

- Faster results — saves up to 2–4 days
- Simple use, fewer steps — no agar media prep
- Automated interpretation — eliminate subjective analysis of colonies



Compared to PCR

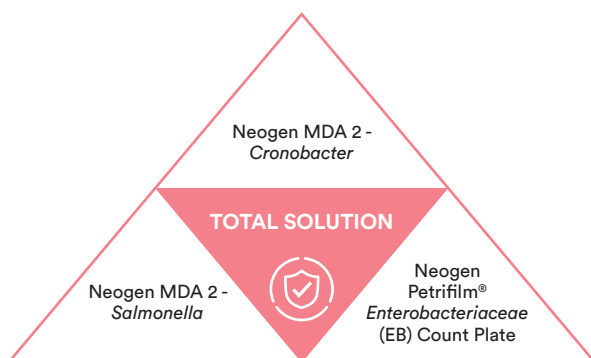
- Single, non-selective enrichment step
- Increased productivity with no reagent prep and a simplified workflow

The Neogen MDA 2 - *Cronobacter* detects the latest taxonomic classification of *Cronobacter* species with 100% inclusivity and exclusivity.

| Testing Method | Cross-reaction with <i>Non-Cronobacter</i> |
|-----------------------------------|--|
| Commercial chromogenic agar | Cross-reaction (False Positive)¹ |
| Commercial PCR system | Cross-reaction (False Positive)¹ |
| Neogen MDA 2 - <i>Cronobacter</i> | No cross-reaction (Negative) |

A family working together.

Neogen brings you a total solution with results in 24 hours.



Learn more at info.neogen.com/MDS



¹ 3rd party testing showed false-positive result for powdered infant formula spiked with *Siccibacter turicensis*

² U.S. Food & Drug Administration Bad Bug Book 2nd Edition

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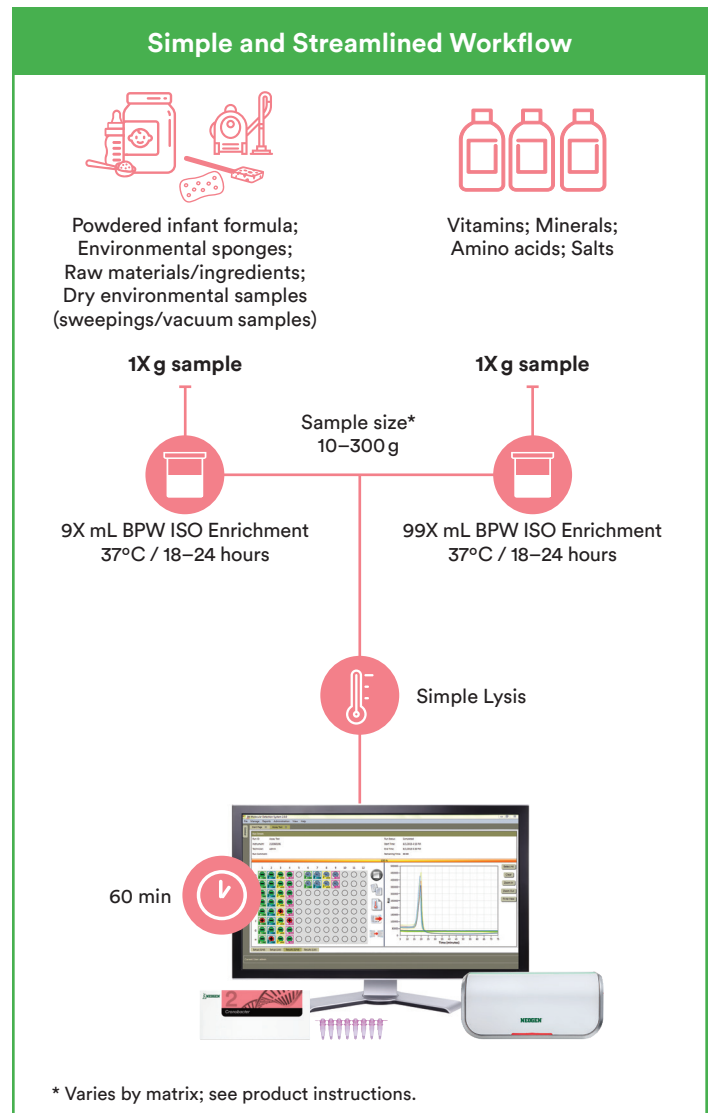
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Certifications and Validations:

- AOAC[®] Performance Tested MethodSM (Certificate #101703)
- AOAC Official Method of AnalysisSM (AOAC 2018.01)
- NF VALIDATION certificate granted by AFNOR Certification, 3M 01/20 - 03/18



Ordering Information

| Description | Cat. No. | Contents |
|--|-----------|--------------|
| Molecular Detection Assay 2 - <i>Cronobacter</i> | MDA2CRO96 | 96 tests/kit |