

DNA  
DIAGNOSTIC

# Infant 3

## INFANT FORMULA SAFETY

Avoid Bacterial  
pathogens in milk  
powder  
and  
ingredients

### Infant 3

Detects three targets in one reaction

- Cronobacter spp.
- Salmonella spp.
- Enterobacteriaceae
- Screening dry infant formulas, semi-manufactures and milk ingredients
- Total solution kit

### Infant 3

Ensure a high level of safety

## Introduction

Infant 3 is optimal for screenings of dry infant formulas, semimanufactures and milk ingredients (e.g. milk powders, lactose, permeate, whey protein) or environmental swabs.

Infant 3 uses standard pre-enrichment of sample in buffered peptone water (optimally including vancomycin).

Infant 3 is supplied with the optional Live-only treatment, if only live bacteria should be detected.

Infant 3 is supplied with an easy-to-use DNA extraction method. Alternatively, direct input qPCR is possible for some sample types (no DNA extraction needed).

Infant 3 runs in 96-well format, and all steps are optimized for easy handling. This makes Infant 3 optimal for high-throughput screenings.

Ensure a high level of safety in your production of infant formula, by implementing Infant 3, a time and cost-saving system for Cronobacter spp., Salmonella spp. and Enterobacteriaceae detection.

## What is qPCR testing?

The quantitative polymerase chain reaction (qPCR) is a biochemical technology used to amplify a specific DNA target in a test tube. During amplification, fluorescent light is generated and monitored by the qPCR instrument. Today, qPCR is a common diagnostic technique and it is used for a wide variety of applications.

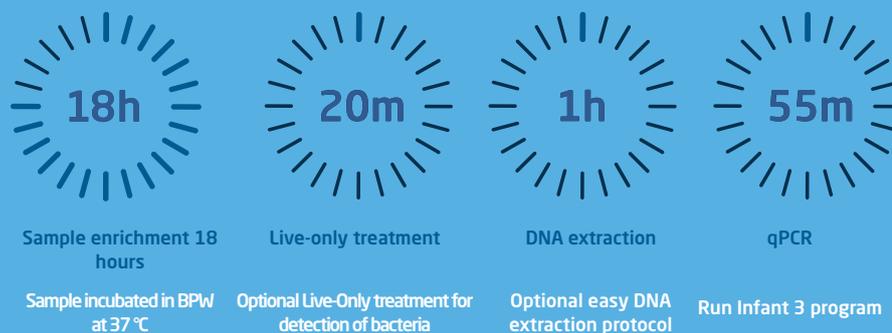
## Key Requirements

- qPCR instrument with FAM, ROX, HEX and CY5 filters.
- Centrifuge for 96-well plates (mín. 5000 RCF)
- If using Live-Only treatment; Specialized blue light source (contact DNA Diagnostic)

## Catalogue numbers

IN3, IN3E, IN3L, IN3EL

## Easy and fast workflow



For more info visit [www.dna-diagnostic.com](http://www.dna-diagnostic.com) or contact Tel +45 87 32 30 50 · [info@dna-diagnostic.com](mailto:info@dna-diagnostic.com)

# DNA DIAGNOSTIC

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**About us** DNA Diagnostic A/S is a Danish biotech company established in 1992. DNA Diagnostic develops and manufactures qPCR test kits for rapid identification of pathogenic microorganisms. DNA Diagnostic also makes CE-IVD kits for detecting leukemia related translocations. DNA Diagnostic is ISO 13485 certified..

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