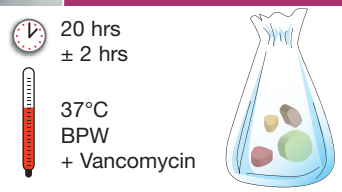
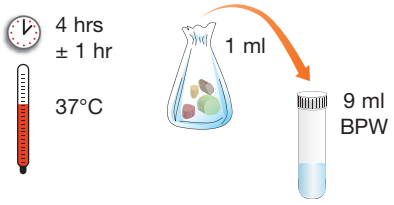
# Quick Guide

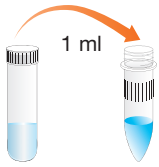
## 357-8137 • iQ-Check™ *Cronobacter* spp.
## Standard Extraction
## Tube Protocol - Infant Formulas Samples



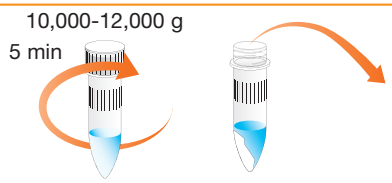

- Enrich the sample in supplemented buffered peptone water (for example 30 g in 270 ml), 20 hrs ± 2 hrs at 37°C



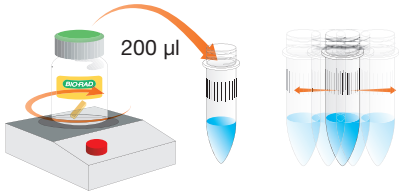

- Add 9 ml of buffered peptone water in a tube
- Transfer 1 ml of the pre-enriched sample
- Incubate 4 hrs ± 1 hr at 37°C



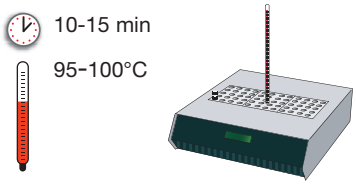

- Transfer 1 ml of enriched sample in a 1.5 ml screwcap tube
  *Avoid including large fragments of food debris, and shaking stomacher bag before collecting*



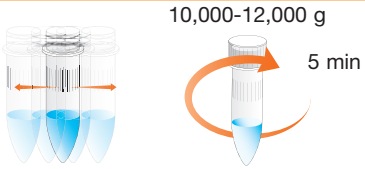

- Centrifuge at 10,000-12,000 g for 5 min
- Discard all the supernatant




- Add 200 µl of lysis reagent (reagent A)
  *Lysis reagent must be constantly stirring in order to keep it in suspension*
- Resuspend the pellet by pipetting the reagent up and down in the tube
- Vortex at high speed




- Incubate at 95-100°C for 10-15 min in a heating block

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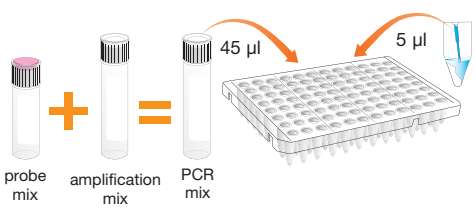
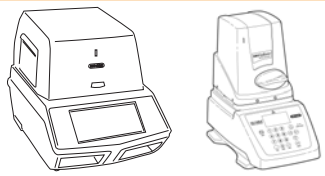



- Prepare the PCR mix
- Distribute 45 µl/well in the PCR microplate
- Add 5 µl of controls and sample supernatants
  **Do not vortex before collecting the sample**
  *Check there are no bubbles*
- Seal the microplate



- Start software
- Create the plate setup
- Start the amplification by clicking on “Run”

Please read the kit instruction manual and instrument user guide for complete and detailed instructions.

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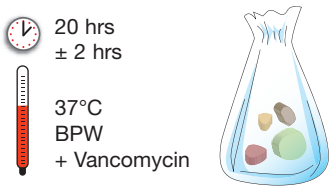


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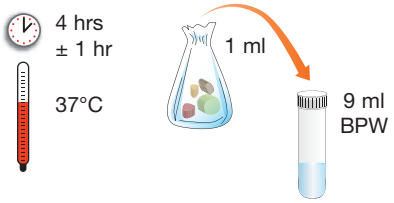


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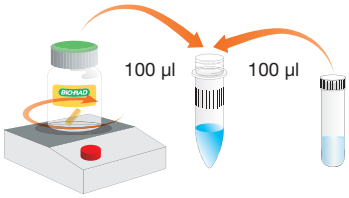


- Add 100 µl of lysis reagent (reagent A) in a 1.5 ml screwcap tube
  *Lysis reagent must be constantly stirring in order to keep it in suspension*
- Transfer 100 µl of enriched sample
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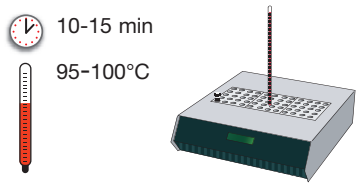
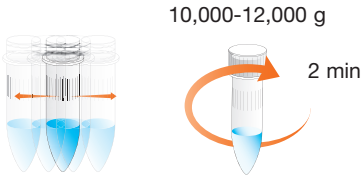
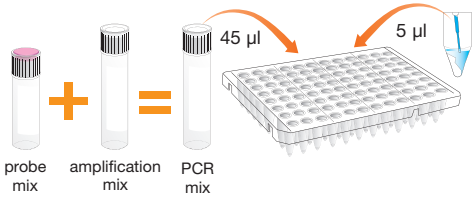



- Mix by pipetting up and down and close the tube
- Incubate at 95-100°C for 10-15 min in a heating block




- Vortex at high speed
- Centrifuge at 10,000-12,000 g for 2 min

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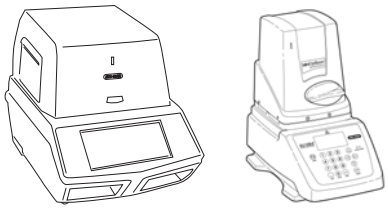

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*Life Science Group*

***Web site*** *www.bio-rad.com* ***USA*** *800 424 6723* ***Australia*** *61 2 9914 2800* ***Austria*** *01 877 89 01* ***Belgium*** *09 385 55 11* ***Brazil*** *55 31 3689 6600*
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