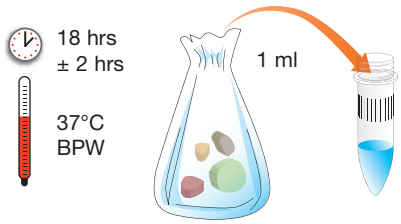
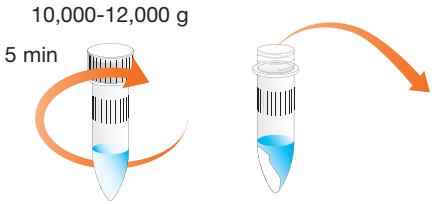
Quick Guide

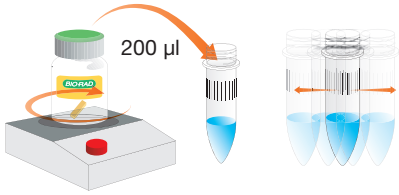
357-8137 • iQ-Check™ *Cronobacter* spp.
Standard Extraction
Tube Protocol - Environmental Samples



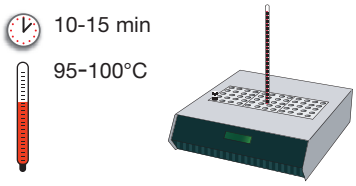
- Enrich the sample in buffered peptone water (for example 30 g in 270 ml), 18 hrs ± 2 hrs at 37°C
- Transfer 1 ml of enriched sample in a 1.5 ml screwcap tube
  Avoid including large fragments of food debris, and shaking stomacher bag before collecting



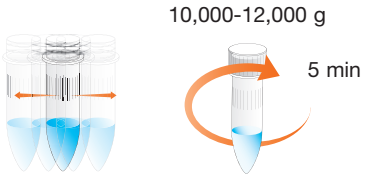
- Centrifuge at 10,000-12,000 g for 5 min
- Discard all the supernatant



- 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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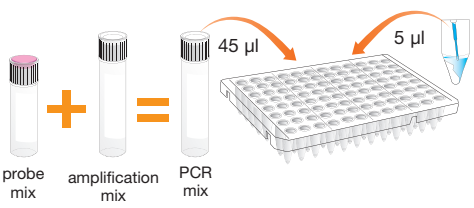
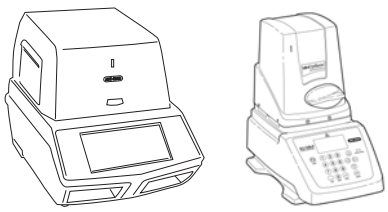


- Prepare the PCR mix
- Distribute 45 µl/well in the PCR microplate
- Add 5 µl of controls and sample supernatants
  Do not vortex before collecting the sample
  Check there are no bubbles
- Seal the microplate



- 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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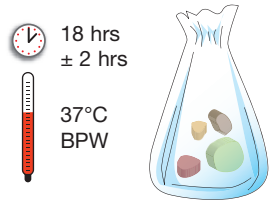
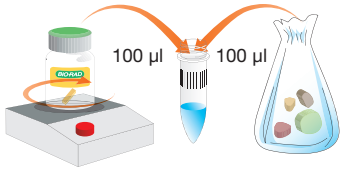


- Enrich the sample in buffered peptone water (for example 30 g in 270 ml), 18 hrs ± 2 hrs at 37°C



- 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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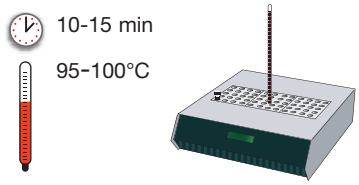
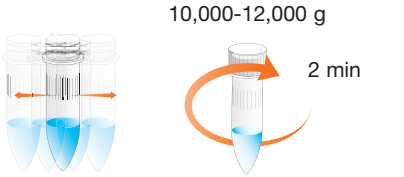
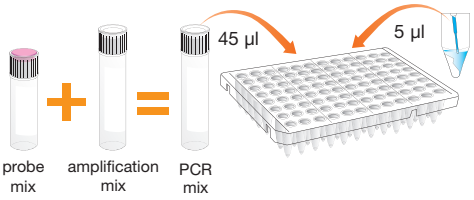


- Mix by pipetting up and down and close the tube
- Incubate at 95-100°C for 10-15 min in a heating block



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



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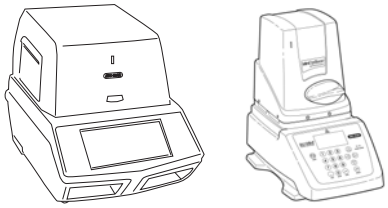

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