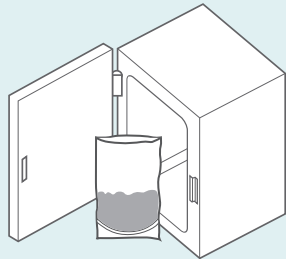
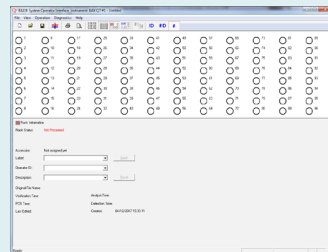


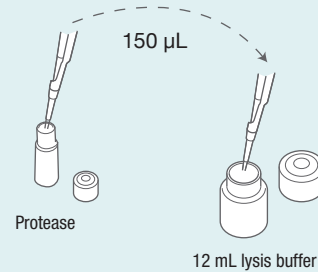
Enrich samples.
(See User Guide)



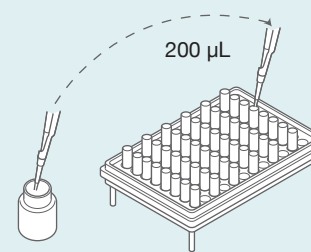
1. Create rack file with data on each sample.



2. Add protease to lysis buffer.

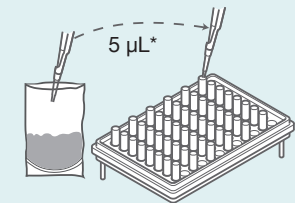


3. Add lysis reagent made in step 2 to cluster tubes.



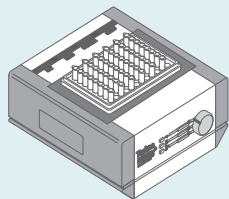
4. Transfer 5 µL* enriched sample to cluster tubes.

* 20 µL for samples using *E. coli* O157:H7 MP assay



For regrown samples, use multi-channel pipettor.

5. Heat cluster tubes (first stage).*



37 °C for 20 minutes for Gram negative organisms
Salmonella
E. coli O157:H7
E. coli O157:H7 MP
Cronobacter (E. sakazakii)

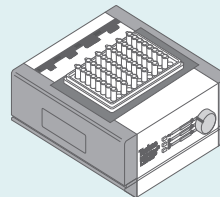
* Steps 5 - 7 can also be performed using the Hygiena™ Automated Thermal Block. See the Automated Thermal Block User Guide for details and instructions.



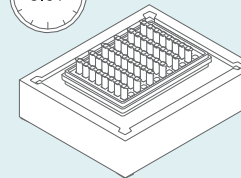
55 °C for 60 minutes for Gram positive organisms
Genus *Listeria*
L. monocytogenes

6. Heat cluster tubes (second stage).

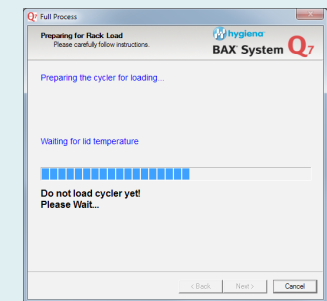
95 °C for full 10 minutes



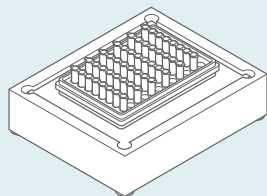
7. Cool cluster tubes in chilled cooling block.



8. Initialize cycler/detector.

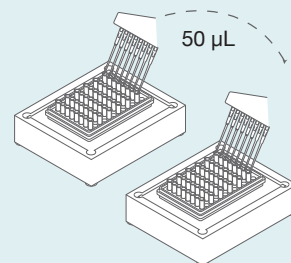


9. Arrange PCR tubes in cooling block.



Use frozen cooling block for samples using *E. coli* O157:H7 MP assay

9. Hydrate PCR tablets with 50µl lysate from step 7.



11. Place tubes in cycler/detector and run program.



12. Review results on screen. See User Guide for details.

- Negative
- Positive
- Indeterminate
- Signal error

