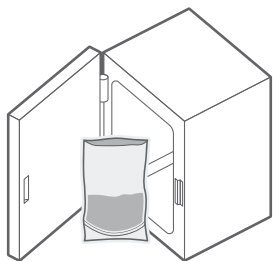
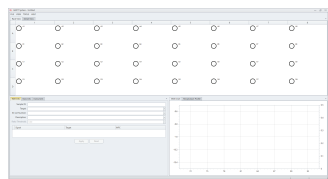


Ready Reference for X5 PCR Assays

Enrich samples.
(See User Guide)



1. Create rack file with data
on each sample.



2. Prepare the Automated Thermal
Block.

Load Samples
GmNeg

For *E. coli* and *Salmonella* assays

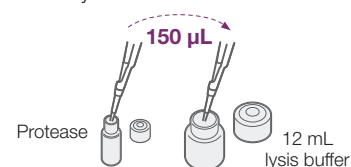
Load Samples
RTLis

For Genus *Listeria* and
L. monocytogenes assays

3. Prepare BAX® System Lysis Reagent.

For *E. coli* O157:H7
and *Salmonella*

150 µL Protease +
12 mL lysis buffer

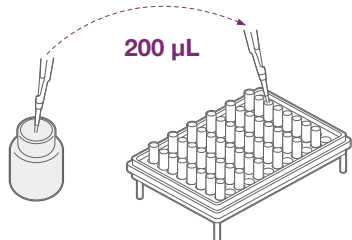


For Genus *Listeria* and
L. monocytogenes

150 µL Protease + 200 µL Lysing Agent 2
+ 12 mL lysis buffer

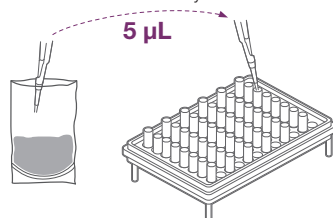


4. Dispense lysis reagent into
cluster tubes



5. Transfer 5 µL* enriched
samples to cluster tubes.

*20 µL for *E. coli* O157:H7 samples
enriched with BAX® System MP Media



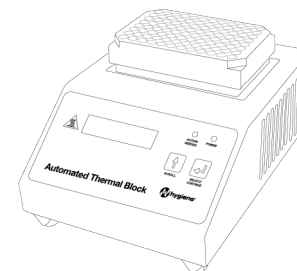
For regrown samples, use multi-channel pipettor

6. Perform Sample Lysis*

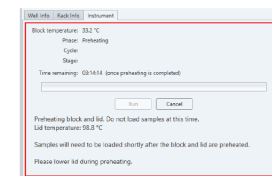
Place cluster tubes on the Hygiena™
Automated Thermal Block

- Press the SELECT/CONTINUE button
- Lysis is complete when the Hygiena™
Automated Thermal Block beeps and
displays the message "Sample PCR Ready"

* Sample Lysis (Step 5) can also be performed
using analog heat blocks. See the BAX® System
X5 User Guide for details and instructions.

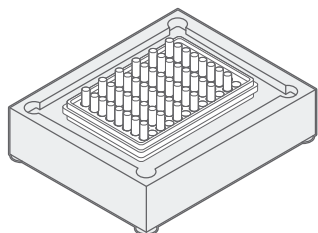


6. Initialize Instrument

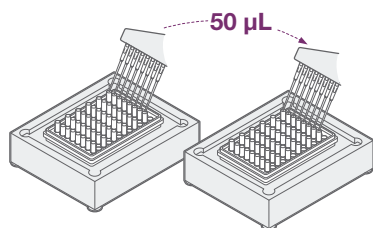


In the Instrument tab, click the RUN button.
You must load samples within 20 minutes
of clicking the RUN button.

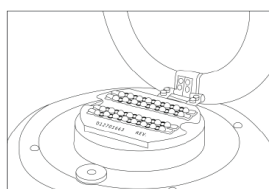
8. Arrange PCR tubes in
cooling block using
sample carrier.



9. Hydrate PCR tablets with 50 µL
lysate from step 5.*



10. Open the BAX System X5
Instrument lid. Insert PCR tubes
in a symmetrical, balanced layout.
Close lid; run begins automatically.



Ensure PCR tubes are clean with no air bubbles

11. Unload samples and review results on screen.
See User Guide for details.

