

BAX[®] System Free DNA Cleanup Kit

Description

The BAX[®] System Free DNA Cleanup Kit can be used to remove DNA not protected by living cells from food and environmental matrices. This easy to use kit removes all extraneous DNA, including DNA from dead cells and DNA residuals from bacteriophage interventions, and is designed for easy integration with the BAX[®] System method.



Kit Components

The BAX[®] System Free DNA Cleanup Kit contains reagents to perform 96 tests.

2 vials of Free DNA Cleanup Agent	(290 µl each)
2 vials of Free DNA Cleanup Buffer	(290 µl each)
2 vials of Inactivation Agent	(290 µl each)

Required Equipment Not Supplied with Kit

- Heat block/ incubator maintaining 37°C and 55°C
- Cluster tubes
- 5-50 µl micropipette and sterile filter-tips

BAX[®] System Free DNA Cleanup Protocol

Before starting the procedure, ensure that heat blocks/incubators are set to 37°C and 55°C:

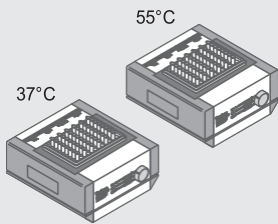
- Add 5 µl of BAX[®] System DNA Cleanup Agent (Blue Cap) and 5 µl of BAX[®] System DNA Cleanup Buffer* (Green Cap)
- Add 40 µl enriched sample to cluster tube
- Cap the tubes and incubate tubes at 37°C for 15 min
- Remove tubes from the heat block/ incubator. De-cap the tubes and add 5 µl of Inactivation Agent (Yellow Cap)
- Cap the tubes and incubate tubes at 55°C for 15 min
- Transfer 5 µl of the treated sample to 200µl of lysis reagent and proceed with applicable BAX[®] System lysis procedure

**If testing multiple samples at a time, a bulk solution comprising equal parts BAX[®] System DNA Cleanup Agent and BAX[®] System DNA Cleanup Buffer can be combined in a 1:1 ratio in advance and stored at 2-8°C for 14 days.*

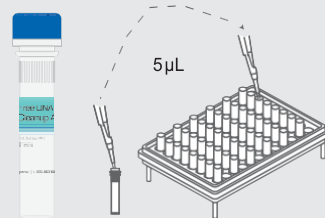
BAX® System

Free DNA Cleanup Kit Protocol

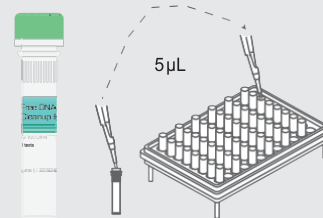
Ensure that heat blocks/ incubators are set to 37°C and 55°C.



Add 5 µl of BAX® System DNA Cleanup Agent (Blue Cap)*.

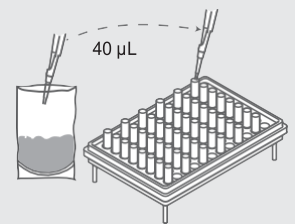


5 µl of BAX® System DNA Cleanup Buffer* (Green Cap).

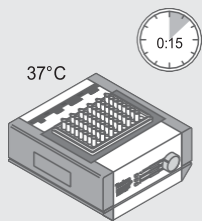


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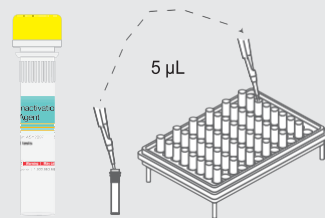
Add 40 µl enriched sample to cluster tube.



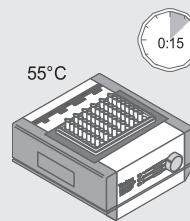
Cap the tubes and incubate tubes at 37°C for 15 min.



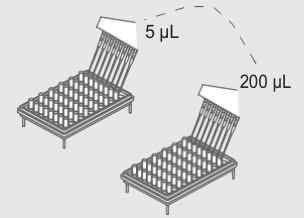
Remove tubes from the heat block/ incubator. De-cap the tubes and add 5 µl of Inactivation Agent (Yellow Cap).



Cap the tubes and incubate tubes at 55°C for 15 min.



Transfer 5 µl of the treated sample to 200µl of lysis reagent and proceed with applicable BAX® System lysis procedure.*



20µl of treated sample for E.Coli