

Platelet Factor 4 IgG Assay

Appendix F

Bio-Tek ELX50 Washer Procedure and Maintenance

Procedure

1. Turn on the washer using the toggle switch on the right side. The Bio-Tek ELX50 will automatically run a self-test.
2. Attach the HPF4 wash to the washer using the tubing.
3. Select "Run" from the main menu. Prime the washer by selecting "Prime", then "Autoprime" or "01".
4. Once the washer is primed, return to the main menu. Select "Run" again. Select "Wash". Using the keypad, type "09" for the HPF4 wash. **Note: if the washer has not been primed, it will now prompt the user to do so.**
5. Using the keypad, type the number of strips used. For less than 10 strips, a "0" *must* come before the number of strips. Press "Enter".
6. Press "Start". The washer will now run.

Daily Startup

1. Turn on the washer using the toggle switch on the right side. The Bio-Tek ELX50 will automatically run a self-test.
2. Verify the DI water bottle is attached to the washer tubing.
3. On the main menu, select "Maintenance". Press "Enter".
4. Select "Day Rinse" or "01". Press "Enter". Press "Start".
5. Once the "Day Rinse" has completed, return to the "Maintenance" menu. Using the keypad, type "05" for "Rinse and Soak". Press "Enter". Press "Start".
6. Once the "Rinse and Soak" has completed, the washer is ready to use.

Daily Shutdown

1. Detach the HPF4 wash from the tubing and replace it with the DI water bottle.
2. On the main menu, select "Maintenance". Press "Enter".
3. Select "Day Rinse" or "01". Press "Enter". Press "Start".
4. Once the "Day Rinse" has completed, turn off the washer using the toggle switch on the right side.

Decontamination Maintenance

1. Detach the DI water bottle. Empty the DI water bottle and fill it with a 50% alcohol solution. Attach the bottle using the tubing.
2. Put an empty plastic plate into the plate holder.
3. Select "Run" from the main menu. Select "Wash". Using the keypad, type "09" for the HPF4 wash. Press "Enter".
4. Using the keypad, type "12" for the number of strips. Press "Enter". Press "Start".
5. Repeat steps 3 and 4.
6. Detach the 50% alcohol solution. Rinse the bottle well with DI water. Fill the bottle with DI water and attach it to the washer.
7. Repeat steps 3 and 4 two times using DI water.
8. Once the wash has completed, turn off the washer using the toggle switch on the right side. Label the bottle with the date that the decontamination was performed.

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