PROCEDURE

1.0 Start Up

1.1. Check that the sheath cube is full and the waste cube is empty. If the waste cube is full replace it with an empty waste cube and follow the disposal instructions listed on the cube.

1.2. Turn on the computer. Double click the “Cytometer On” icon on the desktop to turn on the instrument.

1.3. Once the Status display on the instrument has turned green, double click the “Kaluza for Gallios” icon to open the instrument acquisition software.

2.0 Quality Control

2.1. Open “Startup QC” from the Acquisition Worklists folder. Set the output to the current month within the Gallios QC folder.

2.2. Load a carousel with tubes in the following order: Tube 1) 10% bleach; tube 2) diH₂O; tube 3) diH₂O; tube 4) diH₂O; tube 5) Flow Set beads; tube 6) Flow Check beads.

2.3. Place the carousel into the carousel loader, close the lid, and select “Acquire”.

2.4. As the Flow Set and Flow Check beads are collecting click the red icon in the Worklist window to view the QC files in the Kaluza Analysis software and verify that all fluorescent populations are visible.

3.0 Shut Down

3.1. Open “Shutdown” from the Acquisition Worklists folder. Set the output to the current month within the Gallios QC folder.

3.2. Load a carousel with tubes in the following order: Tube 1) 10% bleach; tube 2) diH₂O; tube 3) diH₂O; tube 4) diH₂O.

3.3. Place the carousel into the carousel loader, close the lid, and select “Acquire”.

3.4. Following acquisition of all four tubes, exit Kaluza for Gallios. Once the Status display on the instrument has turned red, double click the Cytometer Off icon, and shut down the computer.

RELATED PROCEDURES

This handout is related to SCFC SOP IN004. Please see the full SOP for further information.