



BECKMAN COULTER VI-CELL XR

Logging in sample

1. Open ViCELLXR 2.03 program from icon on desktop.
2. Wait for instrument to initialize (status will go to idle) then click “Log in sample.”
3. Select position (first sample will be in position 1, second in position 2, etc.)
4. Enter a sample ID. This should be in the form “Cell line_passage number_date (in form yymmdd)_your initials_sample number.” For example HeLa_p6_070531_np_1
5. Choose dilution factor 10.0 and select “Export to Excel file.”
6. If you are running more than one sample click “next sample” button and enter information for subsequent samples. Note: position and sample number of sample ID will automatically increase, but you must re-select “Export to Excel file” for each sample. When you have logged in all samples, click ok

Preparing sample

7. Trypsinize cells. Use an aspirating pipet to remove all media from the flask. Add 3mL trypsin to T-75 flask (5ml to T-175). Incubate 5 min. in 37 deg. incubator.
8. Neutralize by adding 3ml media (5 for a T-175) and pipetting up and down ten times. Pool flasks if desired.
9. In vial (Beckman Coulter #383721), add 50uL cells to 450uL appropriate culture media.
10. Place vials in spots 1 through n of Vi-CELL.
11. Click “Start queue.”