Overview

This document explains the materials necessary and the steps to perform a scan of a western blot.

Additional resources

Need more help?

Check the resources, and then see Ken

Main content

**Materials**

* + - Li-Cor odyssey in the core lab physiology room (MS-541) on the 6th floor
    - Rolling tool
    - Forcep
    - Jump drive

**Methods**

1. Keep image from light
2. Log on the computer as user physiology (password: physiology)
3. Double-click the Odyssey V3.0 shortcut on the dsektop to launch the odyssey program.
4. We will be keeping all our data in the 'Campbell Lab' Click File>Open> Projects, highlight the 'Campbell Lab' folder located at
5. C:\Users\Physiology\Documents\Licor\Odyssey\Projects and click open
6. To start a new scan, go to File>Scan>Scan…(or press Alt+F1)
7. The scanner login dialog box will appear, log in using the username and password 'user'.
8. Set scan parameters. First, scan membrane on the lowest quality with the desired channel and dimension (usually 10 X 15). Set intensity at 5. Press Start Scan.
9. Once you obtain the desired results cancel the scan and rescan the membrane on medium quality with the previous set parameters.
10. When scan is completed, press the save… button (on the same row as the start scan button you just pressed), name the scan with the following format: MMDDYY species muscle antibody gel # (if applicable) name, e.g. 052512 Hum Car cTNI Gel 1 Premi.
11. Use the analysis name 'original analysis' and click ok.
12. Before leaving, copy your scans folder (located at C:\Users\Physiology\Documents\Licor\Odyssey\Projects\Campbell Lab, Use shortcut to Projects located on desktop) on the jump drive (F:)
13. Importing Scan into Odyssey. Open Odyssey and expand the Odyssey Projects folder.
14. Identify which project you are working with and open it by double clicking on the folder.
15. Click File>Scan>Import Scan. Select the file that you just saved on the jump drive and click OK.