

SOP for Plate Reader

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3/17/08

1. The switch to turn on the Safire-Tecan plate reader is at the back of the machine. Turn on the machine before proceeding with the following steps.
2. Turn on the XFluor4 program (looks like an excel file) on the desktop. Select Enable Macro.
3. Go to 'XFluor4' and select 'Connect' with default settings.
4. The plate reader will eject its platform and you can load your plate onto it now. Be sure to take note of the orientation of your plate.
5. Before you run your analysis, you should set up the different parameters under 'Edit Measurement Parameter' under 'XFluor4'
6. Select your desired mode: Fluorescent Intensity or Absorbance. Then choose the right plate size and wavelength. Change other settings if needed. But you can usually leave them as default.
7. Click 'Start Measurement' under 'XFluor4' and you are set.
8. Save your file and turn off the machine once you are done.