

Bio-Rad Imagers-FAQ's

The DNA Analysis Facility has three Bio-Rad imagers available for use, the Personal Molecular Imager FX, the Pharos FX Molecular Imager with external laser, and the Versa Doc 4000 MP. These instruments use Quantity One software for scanning and analysis of the captured image. See a staff member for training on these instruments. They are available on a first come, first serve basis. The Personal Molecular Imager is in room 303 HSRF and is available during normal work hours only. The Pharos FX and the Versadoc imagers are found in room 307 HSRF. Once you have been properly trained to run the instruments, you can sign up to get 24hr card access to 307 HSRF. Fill out the appropriate paperwork (it is available on the bulletin board next to the signup sheets) and give it to a staff member. It usually takes 2-3weeks for your UVM ID card to be activated.

Policy for using the Imagers

You must be trained by a staff member for proper usage on the instruments. Even if you have been trained by lab co-workers, qualification for independent usage is granted by DNA Analysis Facility staff only.

You are charged for each image scan you perform. A manual titled "How to log use when using the BioRad Imagers" can be downloaded from the AGTC iLab login page: https://my.ilabsolutions.com/service_center/show_external/3129
This manual will take you through the process of login your Imager usage.

You are responsible for saving your own data. Data files found on these computers will occasionally be thrown away.

Radio-active blots should NOT be brought into 307 HSRF.

Please keep the instruments and work area clean.

Gloves should be removed BEFORE using the computers.

Please bring any problems to the attention of a staff member.

Policy for using Phosphor screens

The facility has three large (35cm x 43cm) and three small (20cm x 25cm) phosphor screens available for use. There is a signup sheet for usage in 307 HSRF. Please fill in all information: screen number, date, time of sign out, name, phone number, and estimated return date and time. It is YOUR responsibility to erase the screen, put back in the cassette and return to the appropriate drawer. A 15 minute exposure is usually fine, but occasionally a longer exposure is needed. **DO NOT GET THE SCREENS WET!**

Policy for 24hr card access to room 307 HSRF

To gain after 24 hour access to HSRF 307, the user will need to fill out the appropriate paperwork and return it to the Facility. Swipe access should be activated in 2-3 weeks. Once a card has been activated the user is ready to use the instruments after hours.

Rules for after hours use:

1. Individuals using HSRF 307 are responsible for all safety issues and for the contents of the room during usage.
2. DO NOT LEAVE THE DOOR OPEN AND THE ROOM UNATTENDED AT ANY TIME. Turn out lights and CLOSE THE DOOR after you are done. If you step out of the room before you are done with the instrument you MUST CLOSE THE DOOR and swipe to reenter.
3. DO NOT LEND YOUR APPROVED CARD TO ANOTHER INDIVIDUAL.
4. Individuals working on the third floor of HSRF MUST ACCESS HSRF 307 from the hallway swipe door, NOT through the door from the DNA wet lab area.
5. Violation of any of the rules WILL result in access being denied.

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