

Imaging Systems

Alpha Innotech Imaging Systems (Kell 405) EtBr allowed

Every time you use the any of the Imaging system, you MUST sign the logbook.

Clean up any mess you make including wiping off the light box with H₂O and paper towels.

Do not cut bands on the light box. On top of the box is a plastic tray, place your gel on the tray and then place on top of the transilluminator.

Be sure to turn off power when you are done.

Do not store any images on the hard drive.

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Alpha Innotech Imaging System

1. Turn computer on and login. User name: Biology, password: biology
2. Turn camera on (front of box to right of instrument), turn instrument on (back right of instrument) and turn printer on (front top left – green button)
3. Open software.
4. Select Acquire button on left top.
5. Select in software:
 - a. UV gutter if doing EtBr or Fluorescent dye
 - b. Select appropriate filter
 - i. Chemiluminescence
 - ii. EtBr
 - iii. Green
 - iv. Gold (labeled Gold, but don't have this filter)
 - v. Red
6. Set AutoExpose – select box
7. Adjust Image
 - a. Bottom ring – focus
 - b. Middle ring – zoom
 - c. Top ring – exposure
8. Acquire image to take printer
9. Contrast adjustment and tool box windows open. Adjust brightness and contrast as needed.
10. Save image on flash drive NOT computer.
11. Print image – select print button.
12. Clean Transilluminator with H₂O.
13. Turn off software , camera and printer.