

Operation of Kodak Gel Logic 200 Imaging System

Note: Always wear clean gloves when operating Gel Doc system and computer. Even if you are not using EtBr, other people may have done so. If using EtBr, have one person with clean gloves handle the machine, while another person handles the gel and placing it on the transilluminator.

1. Open door and place gel centrally, a little toward the back, on trans-illuminator. Smooth out any bubbles in gel. Close door.
2. Double-click on Kodak 1D 3.6 Gel Logic to start software. Click on top left hand corner "Capture GI 200" button. Underneath image screen, select UV trans-illumination, and exposure time 0.5 seconds.
3. Turn illumination selector dial to EPI WHITE. Click on "Preview" to the right of image screen. Use upper (f-stop) and middle (zoom) rings on camera to adjust size of image and amount of light. Be patient as there is a 0.5 sec exposure delay. Open door and re-adjust gel if necessary, remembering to change to a new glove.
4. Switch illumination selector to TRANS UV. If necessary the image can be focused using the bottom (focus) ring on the camera. Once you are happy with the image, click on "Capture" to the right of the image screen.
5. In the "Capture" window you can save your image (File – Save as...) making sure to record your initials and the date in the file name. You can also print your image. To do so select File-Print....
6. Remove gel and dispose of in the usual manner. Use Kimwipes and distilled water to gently clean surface of trans-illuminator. Discard gloves in appropriate waste container.

