

UV Light Box Imaging System

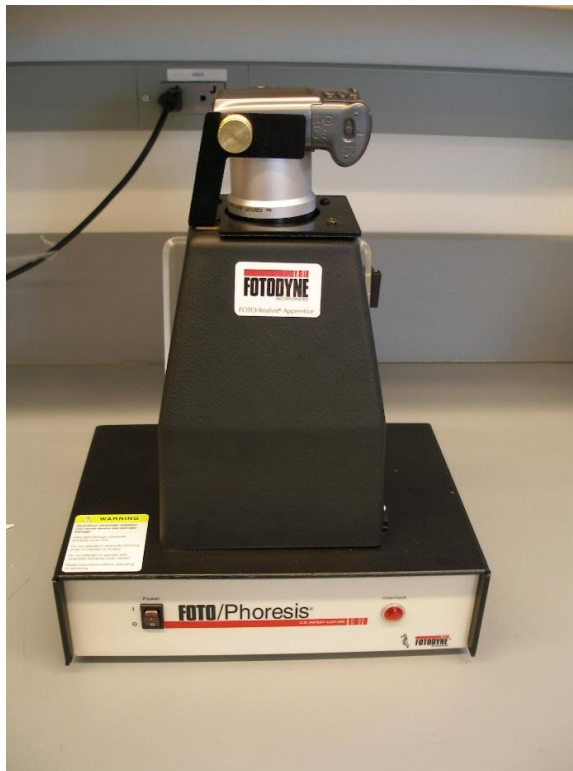
Wear Gloves at all times!!

To view your gel

1. Make sure the UV light box is turned off and lift the lid
2. Place your gel on the UV box and close the lid
3. Turn the UV light box on just long enough to view your gel
Be careful not to leave it on too long, the UV light will damage your DNA!
4. Turn it off when you're done

To take a picture of your gel

1. Open the lid, place the gel over the transilluminator
2. Place the hood (black box) over the transilluminator shown in the figure below
3. Put the camera over the hood as shown in the figure below
4. Turn the camera on
5. Turn the UV light box on
6. Take a picture of your gel --- Be careful not to leave the UV light on too long!
7. Once you've taken a picture, turn the UV light box off and remove the hood from the box



To cut the gel for DNA extraction

1. Make sure the device is turned off

2. Open the lid of the box
3. Place the gel on the transilluminator
4. Place the sensor (little black magnetic piece) on the outside of the bottom right corner of the transilluminator as in the figure below. This sensor is necessary for the UV light to be turned on. Without the sensor, the UV light will not come on and you will not be able to view your DNA
5. Make sure you wear protective faceshield and gloves, then turn the UV light on
6. Cut the DNA bands of interest with the razor provided. To minimize UV light exposure, perform this step as quickly as possible.
7. Make sure you turn the UV light box off when you're done.

