

## **Versadoc EthBr/GelStar Detection Quick Guide**

1. Click on Quantity One to open software.
2. Under File, select Versadoc to open acquisition window.
3. Under select application, click on Nucleic Acids then select either Ethidium Bromide or GelStar.
4. Click Position or Focus. Open door of imager and place agarose gel on center of UV Transilluminator. Live image should appear on computer monitor.
5. Move lens f-stop ring to number 8 or 11 and adjust focus ring so that pre-focus indicator arrow with label "F" lines up with vertical white line on lens. If needed, fine adjust focus so that edges and wells of gel are sharp or place a business card on top of gel and focus on type. Remove card prior to taking image.
6. Close imager door and click stop.
7. Enter Exposure time in seconds (usually 1-5 seconds for agarose gels) and click acquire.
8. Image should appear in an Analysis window. Under file you can now print or save image as usual.

### **HINTS:**

If exposure is too weak, lower f-stop and re-expose or use longer exposure time.

If UV bulbs show up in background, make sure blocking filter is on lens.

If you wish to use flat field correction, click Flat Field button prior to clicking Acquire and follow on-screen instructions for image optimization.

If you wish to image an extremely large gel or do an optical zoom on a region of the gel, use the 28-80mm zoom lens.