



Focal Points

Application Note FP-128



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Capture ECLs, Westerns, Chemi Blots with the BioSpectrumAC Imaging System

Purpose

The purpose of this Application Tool is to provide a quick guide to easily capture ECLs, Westerns, Chemi Blots with UVP's BioSpectrumAC Imaging System.

Software Templates

Prior to using these steps, a template must be installed on your VisionWorksLS Analysis Software to enable these capabilities. Contact your local UVP BioImaging Specialist or call UVP's BioImaging department directly at (800) 452-6788 for more information.

Steps for Capturing Images

For the best imaging results, follow the steps listed below.

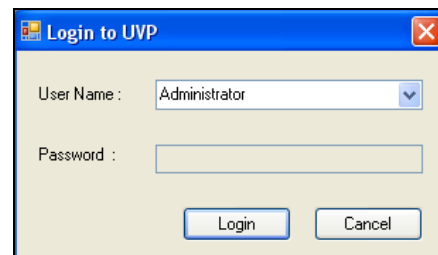
1. Launch VisionWorksLS Analysis Software



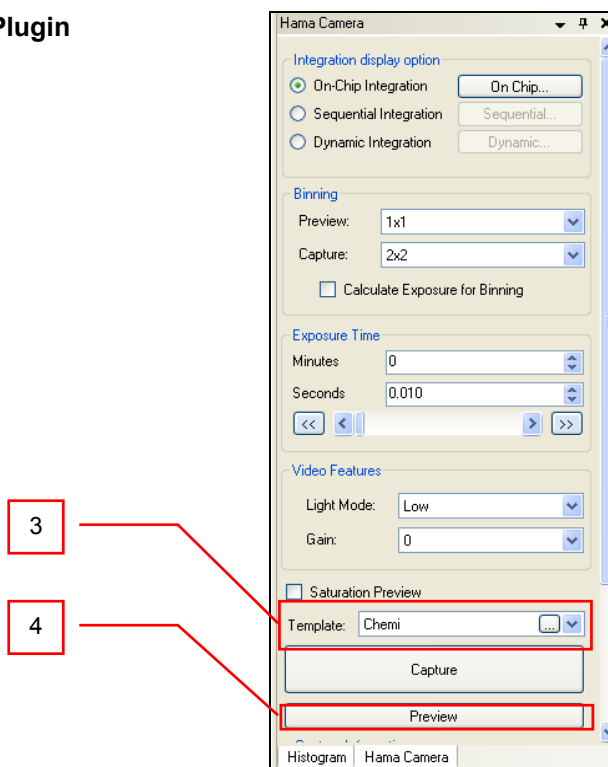
2. Log in to VisionWorksLS



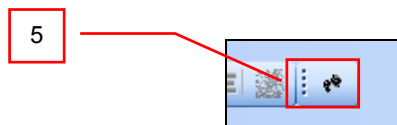
BioSpectrumAC Imaging System



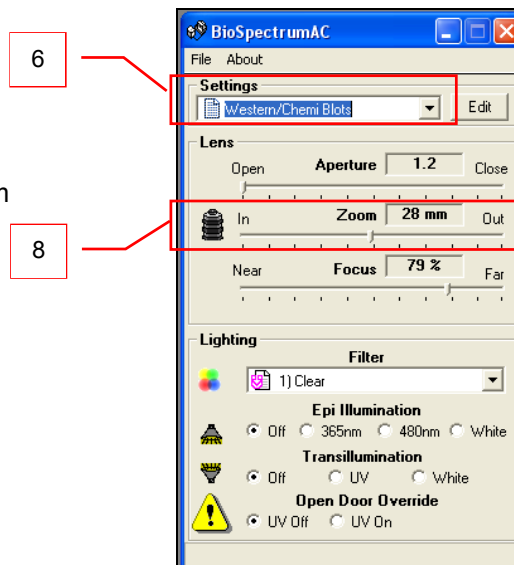
3. Select **Chemi** from the **Hama Camera Plugin** Template drop down menu
4. Click **Preview**



5. Click the toolbar button for the **BioSpectrumAC** darkroom communications



6. Select **Western/Chemi Blots** from the BioSpectrumAC darkroom settings drop down menu
7. Open the BioSpectrumAC darkroom door and place the blot in the center of the Chemi platform
8. While the door is still **open**, adjust the **Zoom** control until our blot fills the entire viewing area of the **Preview** screen.



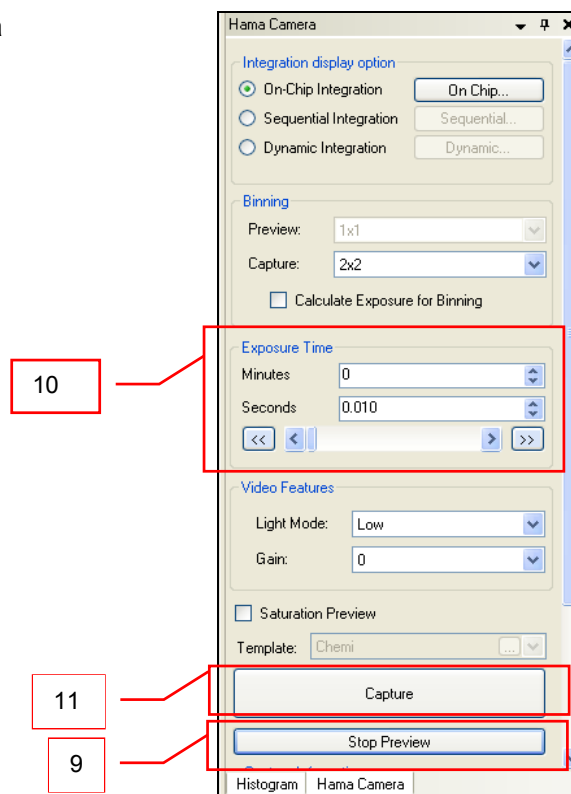
NOTE: There is no need to adjust the Focus or Aperture.

After the blot is centered and zoomed, close the BioSpectrumAC door.

9. Click **Stop Preview** from the Hama Camera Plugin

10. Enter the **Exposure Time**

11. Click **Capture**



12. After the image appears, click **Histogram** tab from the **Hama Camera** plugin

NOTE: The image may appear completely black. DO NOT discard the image!

13. Select **Automatic** from the Stretch mode drop down menu

14. Fine tune the intensity

15. You may now print, save or analyze the image

