Dynamic Fielding Image Capture – Quick Guide

The Dynamic Fielding correction method available in GeneSys image capture software addresses uneven light illumination whilst maintaining GLP compliance.

If you are Dynamic fielding RGB LED modules then you must complete step one. If not proceed to step two.

1 **Programming ND filter**

Select

➡ From the Home screen select the 'View available hardware' page. Select the 'View darkroom configuration' and programme the ND filter into the software

2 **Capture image**

Check

Dynamic Fielding
☐ Use Dynamic Fielding

➡ Check the Dynamic Fielding button

ⓘ Dynamic Fielding

No valid dynamic field image.

Do you wish to collect one and apply it?

Yes   No

➡ To acquire an image of your gel click 'Yes'

3 **Selecting appropriate Dynamic Field screens**

➡ **White/Visible light -** use NovaGlo converter screen as a DF screen

➡ **UV illumination -** if using a UV filter or a LP filter use the blue DF screen on the transilluminator then place the frosty DF screen on top

If using the SP filter place the frosty DF screen on the transilluminator then the blue DF screen

➡ **Epi-UV short and long illumination -** place the blue DF screen on the transilluminator

➡ **Epi RGB and IR illumination-** place the white DF screen on the transilluminator

4 **Dynamic Field image capture**

➡ Remove gel/blot and place the appropriate screen on top of the transilluminator

➡ Click OK

➡ Image will now show corrected background

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