

NuGenius Fluorescence Image Capture - Quick Guide

1 Position sample

Select 

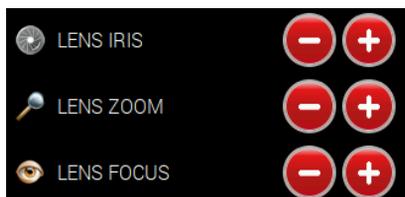
- ➔ Press 'Live' button
- ➔ Position sample on the centre of the transilluminator and close the door

2 Choose lighting

Select 

- ➔ Select lighting source from the drop down menu
- ➔ Select from White light, UV transilluminator, blue light converter screen and visible light converter screen

3 Adjust lens controls



Select 

- ➔ Adjust iris, zoom and focus settings
- ➔ To adjust the iris press the  to let more light reach the camera sensor and press  to close the iris
- ➔ To adjust the zoom press the  to zoom in so that the sample fills the image window for maximum resolution
- ➔ To adjust the Focus press the  or the  buttons
- ➔ **Please note** that opening the iris too far may result in some areas of the sample being saturated. Please use the 'Display Saturation button' - saturated areas will appear red

4 Set exposure time

Select 

Press 

Press 

- ➔ Press on the  or the  to increase or decrease the exposure time
- You can also manually set the exposure time by pressing  button
- ➔ The auto exposure function sets the exposure time to a level that ensures no saturation of the image occurs
- ➔ Once you have set the exposure time press the Capture button

5

Print and save

Press



➔ Press on the printer icon to send image to printer

Press



➔ Press Save and choose to save image as a TIF, PNG or JPEG on to a USB stick

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