NuGenius+ Stain Free Image Capture - Quick Guide

1 **Position sample**

Select **LIVE**

➡ Press 'Live' button

➡ Position sample on the centre of the transilluminator and close the door

2 **Choose lighting**

Select
- WHITE LIGHT
- UV TRANSILLUMINATOR
- BLUE-LIGHT CONVERTER
- VISIBLE-LIGHT CONVERTER
- STAIN-FREE QUICK
- STAIN-FREE FULL

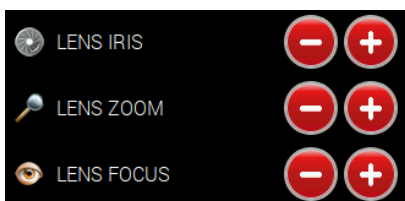➡ Select lighting source from the drop down menu

➡ Select either
- Stain Free Quick (2.5 min UV exposure)
- Stain Free Full (5 min UV exposure)

Place the sample on the transillumintator, then click Capture to start 5-minute Stain-Free Capture

OK

➡ Select "OK" on the prompt message that appears

3 **Adjust lens controls**

➡ Adjust iris, zoom and focus settings

LENS IRIS ⊖ ⊕
LENS ZOOM ⊖ ⊕
LENS FOCUS ⊖ ⊕

➡ 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

Select **SATURATION**

➡ **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
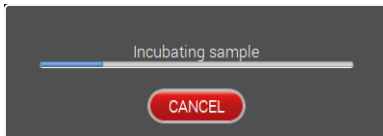
4 Set exposure time

Select

EXPOSURE 10.0 − +

➡ Press on the + or the − to increase or decrease the exposure time

➡ You can also manually set the exposure time by pressing 10.0 button

Press AUTO

➡ The auto exposure function sets the exposure time to a level that ensures no saturation of the image occurs

Press CAPTURE

➡ Once you have set the exposure time press the Capture button

5 Incubating sample

Incubating sample
CANCEL

➡ Leave the sample to incubate

6 Print and save

Press PRINT

➡ Press on the printer icon to send image to printer

Press SAVE

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

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