

Luna-FL™ Automated Cell Counter

Quick
Start
Guide

This Quick Start Guide provides instructions for using the Luna-FL™ automated cell counter with the AO/PI staining kit.

For detailed instructions, refer to the user manual in the USB drive supplied with the counter. To be automatically notified about updates of the counter and for faster service, please register your counter at www.logosbio.com.

Part number: L24002

1. Prepare & load your sample.

- Mix 18 μ l of your sample with 2 μ l of the AO/PI staining solution.
- Load 10~12 μ l of the mixture into the chamber port on the Luna-FL™ counting slide.



2. Insert the slide.

- Insert the slide completely into the slide port of the counter.

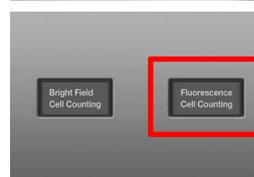


3. Enter “Fluorescence Cell Counting” mode.



4. Preview and focus properly.

- Focus the sample using the focus knob (2X zoom in preferred).
- Press “Bright Field” button to switch to the fluorescence preview mode.
- Adjust the level of exposure. For most mammalian cells, the optimal exposure value is between 7 to 12. Higher exposure will generate a brighter image, but generate more background signal too.



5. Count cells.

- Press the “Count” button to start cell counting.
- Press the “Save/Print” button to save or print the results.
- Press the “Graph” button for the cell size gating
- Press the “Images” button for the image overlay or to check live cells & dead cells counted by Luna-FL™.



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