

Automated Fluorescence Cell Counter

This Quick Start Guide provides instructions for using the LUNA™ with 0.4% Trypan Blue Stain.

For detailed instructions, please refer to the user manual in the supplied USB drive.

1. Prepare & load your sample.

- Mix 10 μL of your sample with 10 μL 0.4% Trypan Blue Stain.
- Load 10-12 μL mixture into the chamber of a LUNA™ Cell Counting Slide or a LUNA™ Reusable Slide.



2. Turn on the LUNA™ and insert the slide.

- Insert the slide completely into the slide port of the counter to hear a soft click.



3. Count cells.

- Use the focus knob to focus on the cells.
- Live cells have bright centers and dark edges while dead cells are a solid blue.
- Press **Count** to start cell counting.



4. View and save results.

- Press **Tag** to see what was counted as live or dead.
- Press **Graph** to see a cell size distribution histogram.
- Press **Save/Print** to save results onto a USB or print from an external printer (sold separately).

