

# For ViaLight™ Cell Proliferation and Cytotoxicity Assay

## Lucetta™ Luminometer Quick Start Guide

Supporting operating instructions for the Lucetta™ Luminometer are available on the accompanying CD or at [www.lonza.com/lucetta](http://www.lonza.com/lucetta). Full kit instructions can be downloaded from [www.lonza.com/vialight](http://www.lonza.com/vialight).

### Working Step

1. Remove cells from incubator and allow cooling down to room temperature.

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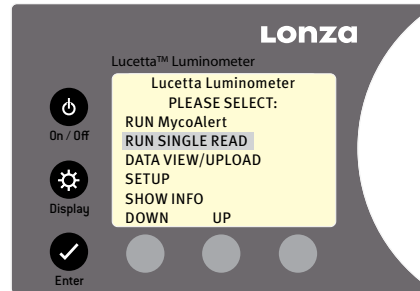
2. Reconstitute ATP Monitoring Reagent Plus (AMR PLUS) in Assay Buffer. Equilibrate **15 minutes** at room temperature

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3. Add 50 µl of Cell Lysis Reagent to each sample. Wait at least **10 minutes**.

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4. Select Program "RUN Single Read" and press ENTER.



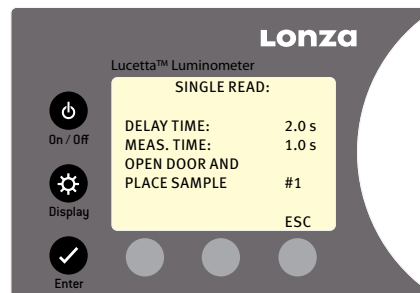
5. Transfer 100 µl of lysed sample into a new sample tube.

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6. Add 100 µl AMR PLUS to the sample tube. Wait **2 minutes**.

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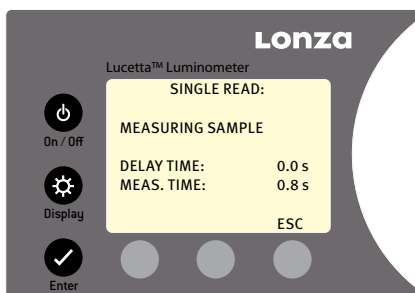
7. Place tube in holder. Close Door.



## Working Step

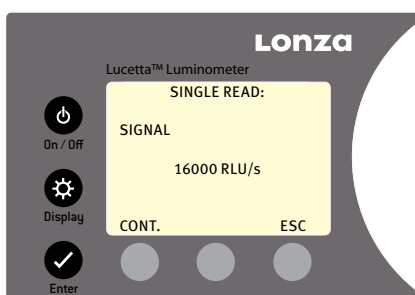
8. Luminescence measurement automatically starts after a delay of 2 s.

The default measuring time is 1 s.



9. See measured RLU/s value for sample 1.

Press CONTINUE to move to next sample.  
Press ESC to return to main screen.



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