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Microplate Reader Workflow V.1

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1 Works for me dx.doi.org/10.17504/protocols.io.8bnhsme



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- 1 Refresh overnight cell culture in LB media at 37 °C

Preparation of LB Media
by NUS iGEM,
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PREVIEW

RUN

- 1.1 Weigh 25 g of Luria Broth Base powder.



Luria Broth Base (Miller's LB Broth Base)™, powder
by Thermo Fisher
Catalog #: 12795027

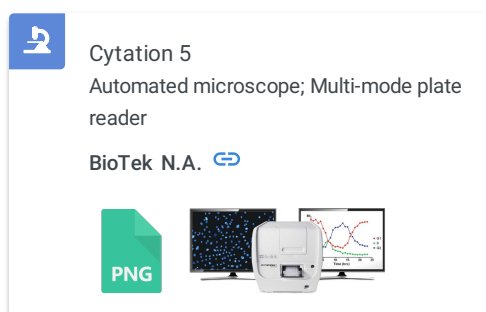
- 1.2 Add the powder into 1 L of water.

Water refers to sterilized deionized water

- 1.3 Autoclave entire bottle of LB media.

- 2 Measure OD₆₀₀ of cell culture for desired OD value

- 3 Load  200 μ l of cell samples into three wells of a 96-well plate (triplicates)
- 4 Induce appropriate volumes of chemical inducers (not exceeding  6 μ l) in each well
- 5 Include LB media as blanks
- 6 Load the plate (with lid) into microplate reader



- 7 Start protocol to run continuous measurement overnight



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