

OD600 Cell Dilution Protocol

- Warm up spectrophotometer according to protocol.
- Blank spectrophotometer with 0.8-1 mL of culture media in a cuvette (ie. LB).
- Pipette 0.8-1 mL sample of your culture into cuvette and take reading.
- Sample can then be diluted appropriately using the following formula.
 - $\text{Desired OD} / \text{Sample OD} = \% \text{ of sample in final volume}$
- Retest OD after mixing sample thoroughly (swirling or briefly vortexing) to attain new OD.