



Fluorometry characterization

Materials

- LB medium
- 0.01 mol L⁻¹ Phosphate Buffered Saline (1 X PBS)
- 96 plate well

Apparatus/Equipment

- Laminar flow cabinet
- Centrifuge
- Shaker
- Fluorometer

Method

- Growth bacteria with assemblies and control for 12 hours in LB medium under stirring of 150 rpm at 37 °C.
- Culture is diluted 100-fold in LB medium
- Growth 4 hours
- Centrifuge for 5 minutes at 4400 rpm
- Discard supernatant
- Resuspend in 1x PBS
- Add 150 µL in each well of a 96 well plate
- Measure at Fluorometer.

Software

- SoftMax[®] Pro Data Acquisition and Analysis Software

Cytometer model and manufacturer

- Fluorometer
Model: Spectra Max M3
Manufacturer: Molecular Devices