

Test 9

Description: ASB and FL measurements and water dispensation

Purpose: find out the behaviour of absorbance and fluorescence measurements after dispensation of different volumes of water.

Methods: A flat-bottom non sterile plate is used. 96 wells are filled with:

- 200 μ l, 150 μ l, 100 μ l and 50 μ l LB+Amp
- 200 μ l, 150 μ l, 100 μ l and 50 μ l water
- 200 μ l, 150 μ l, 100 μ l and 50 μ l coltures containing RBS
- 200 μ l, 150 μ l, 100 μ l and 50 μ l coltures containing J100
- 200 μ l, 150 μ l, 100 μ l and 50 μ l coltures conteinig the construct A1 (J23100+E0240)

Growth protocol: coltures were incubated in 5ml LB+Amp 37°C 220 rpm overnight and then diluted 1:1000. After dilution, falcons were incubated 37°C 220 rpm for about 4 hours.

Protocol:

- The plate is filled as described in Methods
- Measurements (ASB, GFP, RFP)
- First dispensation: rows D,E,F - 50 μ l of water
- Measurements (ASB, GFP, RFP)
- Second dispensation: rows E,F - 50 μ l of water
- Measurements (ASB, GFP, RFP)
- Third dispensation: row F - 50 μ l of water
- Measurements (ASB, GFP, RFP)

Final volume in all wells of interest at the and of the experiment: 200 μ l.

