

Test 20

Description: Evaluation of the bleaching phenomenon in LB.

Purpose: find out if the fluorescence measurements' behaviour in long experiment is related with bleaching or not. Understanding bleaching's typical time in our case.

Methods: A flat-bottom non sterile plate is used.

8 wells are filled with 200 µl LB, the other with 200 µl water (to maintain the temperature in all the plate).

Protocol:

- The plate is filled as described in Methods
- Temperature: 37°C
- Measurements of ASB, RFP and GFP for all 8 wells at time = 0
- Dynamic cycle for 7 hours
 - Shaking 15 s linear 3mm, waiting 10 s
 - Measurements of ASB, RFP and GFP for just 4 of the 8 LB wells
- Measurements of ASB, RFP and GFP for all 8 wells at time = 7 h