Test 9bis

Description: ASB and FL measurements and water dispensation in; ASB and FL measurements and volumes in fluorescent bacterial coltures.
Purpose: find out the behaviour of absorbance and fluorescence measurements after dispensation of different volumes of water; study the relationship between measurements and volumes of colture in the well, compare these result with those of LB.
Methods: A flat-bottom non sterile plate is used. 96 wells are filled with:

- 50 µl bacterial fluorescence colture (construct A1, J23100+E0240) + growing volumes of water (0 → 100 µl, intervals of 10 µl), dispensed by the instrument's injector.
- Growing volumes of bacterial colture: 0 → 300 µl, intervals of 20 µl.

Protocol:

- The plate is filled as described in Methods
- Measurements ASB, GFP, RFP with lid
- Measurements ASB, GFP, RFP without lid

Growing 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.