Test 20_M9

Description: Measurement and diluition in growing medium with low autofluorescence, different final volumes in the wells.
Purpose: find out the relationship between measurements (ASB, GFP and RFP) and diluition of the colture in the well, and between measurements'behaviours working with different final volumes in the well.
Methods: A flat-bottom non sterile plate is used.
Wells are filled with growing volumes of colture containing the construct A1 (J23100+E0240) – from 0 µl to 300 µl, with steps of 25 µl.
Volumes in wells are equalized by adding growing volumes of M9 till a final volume of 100 µl, 200 µl and 300.
See the file Piastra20_M9.xls for more details.

Growing protocol: coltures were incubated in 5ml M9 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
- Static measurement of ASB, RFP and GFP