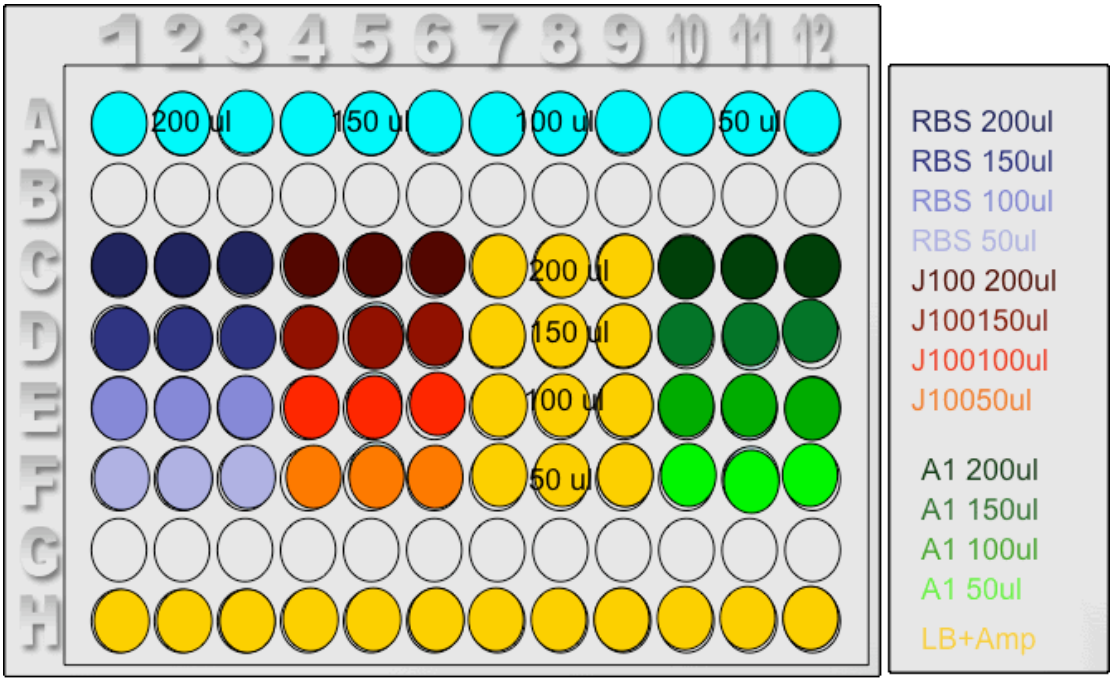
## culture dilutions TEST 07/07/09

**Description**: Dispensation Test
**Purpose**: we want to estimate how varies absorbance and fluorescence in red and green in coltures (J100, A1, RBS-30) with periodical dispensation of ddH20
**Methods**: A flat-bottom non sterile plate is used. 96 wells are filled with:

- 200 ul LB+Amp,
- 200 ul bacterial coltures incubated overnight 37°C 220 rpm and then diluted 1:1000
- 150 ul bacterial coltures incubated overnight 37°C 220 rpm and then diluted 1:1000
- 100 ul bacterial coltures incubated overnight 37°C 220 rpm and then diluted 1:1000
- 50 ul bacterial coltures incubated overnight 37°C 220 rpm and then diluted 1:1000
- 200ul, 150ul, 100ul and 50ul ddH20.




**Protocol**:

- The plate is filled as described in Methods
- The instrument temperature is set at 37°C
- Dispensation of 200ul, 150ul, 100ul and 50ul ddH20 in empty wells (first line, A1:a12)
- First static measures:
    - Measure of ASB, GFP, RFP in wells filled with 200ul, 150ul, 100ul, 50ul.
    - Dispensation of 50ul ddH20 in line D,E,F
    - Shaking 15 s 6mm linear

    - 15s waiting
    - Measure of ASB, GFP, RFP
- Second static measures:
    - Waiting 5 minuted, shaking 15s linear 3mm, 10sec waiting
    - Measure of ASB, GFP, RFP
    - Dispensation of 50ul ddH20 in line E,F
    - Shaking 15 s 6mm linear
    - 10s waiting
- Measure of ASB, GFP, RFP
- Third static measures:
    - 5minutes waiting, 15 s shaking 3mm linear, 15 s waiting
    - Measure of ASB, GFP, RFP
    - Dispensation of 50ul ddH20 in line E
    - Shaking 15 s 3mm linear
    - 10s waiting
    - Measure of ASB, GFP, RFP