

## Test 17/10/09

**Description:** ASB and FL measurements and water dispensation in LB+Amp; ASB and FL measurements and volumes in LB+Amp;

**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 culture in the well, compare these result with those of fluorescent cultures.

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

- 50  $\mu$ l LB+Amp + growing volumes of water (0  $\rightarrow$  100  $\mu$ l, intervals of 10  $\mu$ l), dispensed by the instrument's injector.
- Growing volumes of LB+Amp: 0  $\rightarrow$  300  $\mu$ l, intervals of 20  $\mu$ l., dispensed by the instrument's injector.

**Protocol:**

- The plate is filled as described in Methods
- Measurements ASB, GFP, RFP with lid