

11/22/15

Lib2, Plate 1 MIC values; Amp; Cefta, Cephalo.

F3

F4

F6

G2

G3

G9

G10

G11

H2

H3

H4

100 ml LB + 100 μ l Kanamycin:-

+ ~~500 μ l~~ of IPTG (of 100 mM)
1m

~~500 μ l~~ =
1m

$\frac{166 \text{ mM} \times 500 \mu\text{l}}{100 \times 1000 \mu\text{l}} = \frac{83 \text{ mM}}{100} = \text{IPTG final } \underline{\underline{0.83 \text{ mM}}}$

① Amp; 2 ml LB + IPTG + 6 μ l Amp (of 166 μ g/ml)

② Cefta; 2 ml LB + IPTG + ~~200 μ l~~ 6 μ l of 5 μ g/ml

③ Cephalo; add ~~200 μ l~~ of 200 μ g/ml

↓
Serial dilutions