



APPENDIX I

สำนักหอสมุด

Bacterial media**1. Luria-Bertani LB broth (per one liter)**

Commercial LB powder (Merck, Darmstadt, Germany) (25 g) was dissolved in 1,000 ml of DW. After autoclaving, the broth was kept in 200 ml aliquots at 4°C.

2. LB agar plate

LB agar (Merck) was prepared by dissolving LB agar powder (37 g) in 1,000 ml of DW. After autoclaving, the medium was allowed to cool down to 55-60°C before pouring into petridishes (23-25 ml per plate).

3. Ampicillin LB agar

One liter of LB agar was prepared as described above. After autoclaving and cooling down to 55-60°C, ampicillin (sterilized by membrane filtering) was added to the preparation. Homogeneous agar was poured into 100-mm petridishes (23-25 ml/plate). The plate was stored at 4°C.