

附錄一

1. 培養基

- 1) Mueller Hinton agar
Difco Laboratories, Detroit, MI USA
- 2) SIM medium
Difco Laboratories, Detroit, MI USA
- 3) Tryptic soy agar
Difco Laboratories, Detroit, MI USA
- 4) Tryptic soy broth (BBL)

2. 血清鑑定

- 1) Antisera (O-antigen: 6, 7 ; H-antigen: c; 1,5)
Difco、日本生研、
Serotest Antiserum, S&A Reagents Lab. Bangkok, Thailand
- 2) 0.6% formalined saline
100 ml 0.5% saline + 0.6ml formaline (37-40%)

3. 脈衝式電場電泳

- 1) Tris, EDTA (AMRESCO)
- 2) cell suspension buffer
100mM Tris, 100mM EDTA, pH 8.0
- 3) Proteinase K (20mg/ml)
Biotechnik Gmbh Gaiberg, Am kirchwald
- 4) Seckem[®] Golden agarose
Cambrex Bio Science Rockland, Inc, USA
- 5) TE buffer
10mM Tris, 1mM EDTA, pH 8.0

6) cell lysis buffer

50mM Tris, 50mM EDTA, pH 8.0,
sarcosine (Sigma-Aldrich Co. USA)

7) TBE buffer

10mM Tris, 1M Boric acid, 2mM EDTA, pH 8.0

8) Restriction enzyme: *Xba* I : 5' ...T CTAGA...3'

3' ...AGATC T...5'

Promega, Medison, WI USA

9) Multi-core™ 10X buffer

Promega, Medison, WI USA

10) Bovine Serum Albumin, Acetylated (BSA)

Promega, Medison, WI USA

11) Ethidium Bromide

Biotechnik Gmbh Gaigerg, Am Kirchwald

4. Antibiotics susceptibility test

1) 0.85% saline

2) McFarland No. 0.5 硫酸鋇標準液 (barium sulfate)

3) 抗生素藥片 (BBL® Becton Dickinson and Co., USA)

Ampicillin	10 µ g
Chloramphenicol	30 µ g
Streptomycin	10 µ g
Trimethoprim/ sulfamethoxazole	1.25 µ g /23.05 µ g
Tetracycline	30 µ g
Ciprofloxacin	5 µ g
Norfloxacin	10 µ g
Enrofloxacin	5 µ g

Nalidixic acid	30 μ g
Cephalothin	30 μ g
Gentamicin	10 μ g
Nitrofurantoin	300 μ g

5. 儀器設備

1) 無菌操作台

Laminar Flow, San-Hsing heater Industrial Co., Ltd. Taiwan

2) 恆溫培養箱

3) 脈衝式電場電泳系統

CHEF Mapper XA system, Bio-Rad, USA

4) 影像處理系統

AlphaEase™, Alpha Innotech Corporation, San Leandro, CA USA

5) 濁度計

DADE BEHRING, MicroScan, Dade Behring Inc. West Sacramento, CA 95691 USA

6) Kimble® culture tube (13 ×100mm)

Kimble Glass Inc.

7) UV 平台

Hoefer® MacroVue UV-25. USA.

8) 自動貼藥器

BBL® Sensi-Disc®, USA

9) 高壓滅菌釜

Autocleave, SAKURA, neoclave ASV-3022, KUBOTA Corporation, Toyko, Japan

10) 震盪式恆溫水浴槽

Shaking Bath, Model B602D, Lead-Biotech Instrument co. Taiwan

11) 乾浴器

Universal Cold block bath, LB-DB2, Lead-Biotech Instrument co.

Taiwan