

## APPENDIX

### Preparation of reagents and buffer

#### 10% stool suspension

1. Phosphate buffer saline (PBS), pH 7.4

NaCl	8.0	g
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KH <sub>2</sub> PO <sub>4</sub>	0.2	g
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Na <sub>2</sub> HPO <sub>4</sub> .12H <sub>2</sub> O	2.9	g
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KCl	0.2	g
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Distilled water was added up to 1000 ml

2. 0.1% DEPC

DEPC	100	μl
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Dissolved in 100 ml distilled water

#### Agarose gel electrophoresis

1. TBE Buffer (10X)

Tris-base	108.0	g
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Boric acid	55.0	g
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0.5 M EDTA (pH 8.0)	40.0	g
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Distilled water was added up to 1000 ml

## 2. Agarose gel (1.5% or 2.5%)

TBE Buffer (1X)	100	ml
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Agarose gal powder	1.5 or 2.5	g
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## 3. Gel-loading Buffer (6X)

0.25% (w/v) Bromophenol blue

0.25% (w/v) Xylene cyanol FF

30% (v/v) Glycerol

## 4. Stock 10 mg/ml Ethidium bromide

Ethidium bromide	1.0	g
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Distilled water	100.0	ml
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## 5. Working 0.5 µg/ml Ethidium bromide

Stock 10 mg/ml Ethidium bromide	25.0	µl
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Distilled water	50.0	ml
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## 6. DNA Marker preparation

100 bp DNA Ladder Plus (Fermentas)	20.0	ml
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TBE Buffer (1X)	70.0	ml
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Gel-loading Buffer	100.0	ml
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**CURRICULUM VITAE****Name**

Miss Boonpa Suantai

**Date of birth**

May 26, 1987

**Institution attended**

2000-2005 Certificated of Mathayom I to VI, Bansuan Wittayakom  
School, Sukhothai

2006-2008 Bacherlor of Science (Microbiology), Naresuan University