

APPENDIX

Preparation of some reagents and buffers

10% stool suspension

1. Phosphate buffered saline (PBS), pH 7.4

NaCl	8.0 g
KH ₂ PO ₄	0.2 g
Na ₂ HPO ₄ ·12H ₂ O	2.9 g
KCl	0.2 g

Distilled water was top up to 1,000 ml

2. 0.1% DEPC

DEPC	100.0 µl
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Dissolved in 100 ml distilled water

Agarose gel electrophoresis

1. TBE buffer (10X)

Tris-base	54.0 g
Boric acid	27.5 g
EDTA·2H ₂ O	4.65 g

Distilled water was top up to 500 ml

2. Stock 10 mg/ml Ethidium bromide

Ethidium bromide	1.0 g
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Dissolved in 100 ml distilled water

3. Working 0.5 $\mu\text{g}/\text{ml}$ Ethidium bromide

Stock 10 mg/ml Ethidium bromide 25.0 g

Dissolved in 50 ml distilled water

4. Marker preparation

GeneRuler™ 100bp DNA Ladder Plus marker (Fermentas) 20.0 μl

TBE (10X) 70.0 μl

Loading dye (6X) 10.0 μl

5. 1.5% Agarose gel

Agarose powder 1.5 g

TBE (1X) 100.0 ml

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