APPENDICES

APPENDIX A

Preparation of reagents and buffer

10% stool suspension

1. Phosphate buffered saline (PBS), pH 7.4

NaCl	8.0 g
KH_2PO_4	0.2 g
$Na_2HPO_4.12H_2O$	2.9 g
KCl	0.2 g

Distilled water was added up to 1000 ml

2. 0.1% DEPC

DEPC	100.0 µl

Dissolved in 100 ml distilled water

Agarose gel electrophoresis

1. TAE Buffer (50X)

Tris-base	242.0 g
Glacial acetic acid	57.1 ml
0.5 M EDTA (pH 8.0)	100.0 ml

Distilled water was added up to 1000 ml

The working solution (1X) contains 20 ml TAE (50X) and 980 ml distilled water

2. Agarose gel (1.5%)

TAE Buffer (1X)	100.0 ml
Agarose gel powder	1.5 g

3. Working 1:5 RedSafe^{TM} Nucleic Acid Staining Solution

RedSafe solution	20.0 µl
Distilled water	80.0 µl

4. DNA marker preparation

0.5 µg/µl DNA ladder (Thermo Scientific, USA)	100.0 µl
6X Loading dye	100.0 µl
Distilled water	400.0 µl

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