



APPENDICES

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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APPENDIX A

Preparation of reagents and buffer

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 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. Stock 10 mg/ml Ethidium bromide

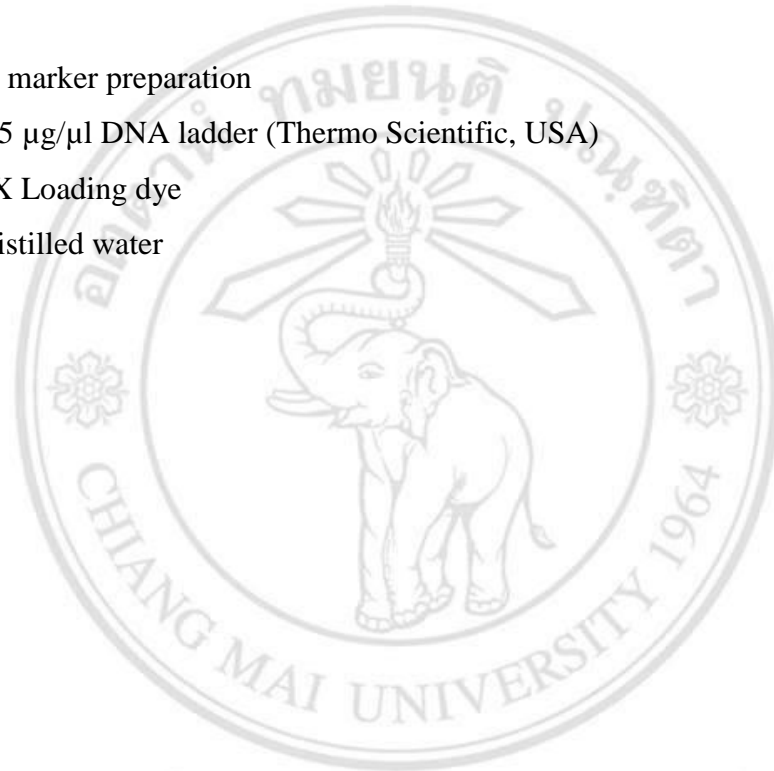
Ethidium bromide	1.0 g
Distilled water	100.0 ml

4. Working 0.5 μ g/ml Ethidium bromide

Stock 10 mg/ml Ethidium bromide	25.0 μ l
Distilled water	500.0 μ l

5. DNA marker preparation

0.5 μ g/ μ l DNA ladder (Thermo Scientific, USA)	100.0 μ l
6X Loading dye	100.0 μ l
Distilled water	400.0 μ l



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Institution of Birth

- 2002-2007 Certificated of high school, Chiang Rai Municipality School 6 (CRMS6), Chiang Rai, Thailand
- 2008-2011 Bachelor of Science (Microbiology), Chiang Mai University, Chiang Mai, Thailand

Scholarship 2012-2015, Obtain “Financial Support for Graduate Students” under the support of Faculty of Medicine, Chiang Mai University, Thailand.

Publications

- **Yodmeeklin A**, Khamrin P, Chuchaona W, Saikruang W, Malasao R, Chaimongkol N, et al. Saffold viruses in pediatric patients with diarrhea in Thailand. **J Med Virol.** 2015; 87(4): 702-7.
- Chuchaona W, Khamrin P, **Yodmeeklin A**, Saikruang W, Kongsricharoern T, Ukarapol N, et al. Detection and characterization of a novel human parechovirus genotype in Thailand. **Infect Genet Evol.** 2015; 31: 300-4.

Conference Presentations

- **Oral presentation**

Molecular Characterization and Zoonotic Potential Analysis of Rotaviruses Detected in Pediatric Patients with Acute Gastroenteritis. The 15th Graduate Research Conference, KhonKaen University, KhonKaen, Thailand, March 28, 2014.

- **Poster presentation**

Reduction of contaminated microorganism on egg-shell with fungus Genus *Muscodor*. Academic presentations and innovation for undergraduates, Faculty of Science, Chiang Mai University, Thailand, February 15, 2012.



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