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APPENDICES

Appendix A

Table A1. White blood cell count (x1000 cells/ μ l) in pigs infected with CSFV

	Pig No.	dpi.					
		0	3	7	10	14	21
Group A	1	17.4	7.6*	14.5	15	21.2	15.3
	2	15.5	13.9	11.2	19.6	41.6	24.1
	3	15.3	10.4	17.5	24.8	18.5	18.5
	4	13.1	9.4	13.6	26.1	33.2	16.7
	5	16.8	11	17.2	15.2	18.5	16.7
	6	13	5.6*	11.1	20.3	24.1	19.6
Group B	1	27.9	18.8	16.8	22	29.4	19.4
	2	20.5	6.5*	17.3	21.7	22.1	20.3
	3	21.6	17.3	21.4	24.3	27.2	20.9
	4	26	12.9	21.4	20.8	38.8	36.4
	5	16.4	10.9	19.2	27.1	32.5	19.1
	6	18.2	11.4	26.2	12.6	39	25.3
Group C	1	22	4*	2.5*	14.3	27.9	d
	2	17.7	12.4	6.7*	10.3	d	
	3	18.9	13.8	5.1*	4.2*	d	
	4	19.8	9.5*	3.8*	d		
	5	19.8	6.6*	4.1*	8.4*	10.1	24.1
	6	16.7	2.5*	1.9*	6*	d	

* leucopenia, d = dead

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Table A2. Virus isolation from blood samples of pigs inoculated with CSFV

	Pig No.	dpi					
		0	3	7	10	14	21
Group A	1	-	+	-	-	-	-
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	-	-
	5	-	-	-	-	-	-
	6	-	+	-	-	-	-
Group B	1	-	-	-	-	-	-
	2	-	+	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	-	-
	5	-	+	-	-	-	-
	6	-	-	-	-	-	-
Group C	1	-	-	+	+	+	d
	2	-	+	+	+	d	
	3	-	-	+	+	d	
	4	-	-	+	d		
	5	-	+	+	+	+	+
	6	-	+	+	+	d	

+ found, - not found, d = dead

Table A3. The antibody titer from three week-old pigs vaccinated with lapinized Chinese strain of CSFV vaccine at -14 dpi followed by the challenge with Bangkok 1950 strain of CSFV. Data represents the mean±SD of SN titer (\log_2) from 1 wk of age (-21 dpi) to 8 wk of age (21 dpi).

	Pig No.	dpi					
		-21*	-14**	0	7	14	21
Group A	1	10	7	7	4	5	4
	2	8	6	4	4	6	8
	3	8	6	4	4	5	6
	4	8	6	4	4	6	5
	5	9	6	5	5	5	6
	6	9	8	7	5	4	3
Group B	1	6	2	2	2	12	11
	2	5	3	3	3	8	10
	3	3	2	4	9	10	11
	4	3	2	4	8	11	10
	5	5	3	2	6	11	10
	6	5	3	3	8	10	11
Group C	1	5	2	2	0	0	d
	2	8	5	4	0	d	d
	3	7	7	4	2	d	d
	4	8	6	4	0	d	d
	5	7	6	5	1	1	1
	6	4	3	4	0	d	d

* 1 wk of age, ** vaccinated

Appendix B

1 2 3 4 5 6 marker



Figure B1 The figure illustrates agarose gel electrophoresis of DNA recovered from formalin-fixed paraffin-embedded lymphoid tissues of pigs in group A and B. A little ladder formation was found in lane 4 while smear bands were obviously found in other lanes. Lane 1, 2, 3, were thymus, spleen, and lymph nodes of pigs in group A; lane 4, 5, and 6 were thymus, spleen, and lymph nodes of pigs in group B respectively.

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Appendix C

DNA Extraction Buffer

Reagent	Concentration
Tris-HCl	10 mM
NaCl	10 mM
EDTA	10 mM
SDS	1%

Adjust pH to 8.0 by NaOH or HCl



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BIOGRAPHY

Mr. Rachod Tantilertcharoen was born in 1974 at Bangkok, Thailand. He received Doctor of Veterinary Medicine from Chulalongkorn University in 1997. His major of interesting is infectious diseases in domestic animals, especially viral infections. He had some publications in those areas. He had research experiences in some certain epidemic diseases in Thailand, such as classical swine fever and highly pathogenic avian influenza. At present, he served the academic as a veterinarian in Veterinary Diagnostic Laboratory, faculty of veterinary science, Chulalongkorn University, Bangkok, Thailand.



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ศูนย์วิทยทรัพยากร
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