



Regional Continuing Hands-on Laboratory Training on Virus Isolation and
Identification of
PRRS and Other Swine Disease Diagnosis

28 November- 2 December 2016, Beijing, China

Agenda

DAY 1	MONDAY	
8:30 - 9:00	Registration	
9:00 - 9:20	Opening session	
	Remarks by China	Guoscheng Chen
	Remarks by OIE RRAP	Hirofumi Kugita
9:20 - 9:35	Introduction of CADCC RL and outline of the training	Lin Yang
9:35 - 9:50	Group photo	
9:50 - 10:10	Tea break *	
10:10 - 11:10	Country report in discussion within groups: brief national swine disease diagnostic systems and main constraints (Group discussion) (Cambodia , China , Chinese Taipei , Indonesia , Japan , Laos, Malaysia, Mongolia , Myanmar , Philippines , Korea (RO), Thailand , and Vietnam)	
11:10 - 11:50	Group Report/summary from discussion	
11:50 - 12:10	Discussion	
12:10 - 13:00	Lunch	
13:00 - 13:20	Introduction of Cell culture and virus neutralisation test (discussion and set trainee into 2 group)	Lin Yuan & Zhi Zhou
13:20 - 15:10	Group 1: cell culture & cell passage	Lin Yuan
	Group 2: Virus neutralisation test (VN)	Zhi Zhou
15:10 - 17:00	Groups rotated	
18:00 - 19:30	Welcome dinner	Hirofumi Kugita
DAY 2	TUESDAY	
8:30 - 10:00	Risk management of high-level bio-safety laboratory, evaluation of the diagnostic reagent kits as well as quality control of diagnostic result	Chris Morrissy
10:00 - 10:20	Q&A	

10:40 - 12:00	Diagnostic techniques for swine diseases and its development	Yuliang Liu
12:00 -12:20	Q&A	
12:20 -13:00	Lunch	
13:00 – 13:20	Introduction of TCID₅₀	
13:00 - 17:00	Group 1: Practice of Virus isolation and culture Group 2: Practice of TCID ₅₀	Lin Yuan Zhi Zhou
18:00 – 19:30	CADCC Welcome dinner	Weisheng Chen

DAY 3

WEDNESDAY

8:30 - 10:00	Prevention strategy and recent research development of PRRS in China	Zhi Zhou
10:00 - 10:20	Q&A	
10:20 - 11:00	Instruction of fluorescence real-time RT-PCR	Jiajun Wu
11:00 – 12:00	Instruction of Digital RT-PCR	Lin Yuan
12:00 - 13:00	Lunch	
13:00 - 16:30	Practice of real-time RT-PCR	Jiajun Wu
16:30 - 17:00	Discussion	

DAY 4

THURSDAY

8:30 - 8:50	Introduction of FAT	
8:50 - 10:40	Practice of FAT	Zhi Zhou
10:40 – 12:00	Observation of cytopathic effect (CPE) and VN	
12:00 - 13:00	Lunch	
13:00 - 16:00	Digital RT-PCR (demonstrating experiment) and result analysis	Lin Yuan
16:00 – 16:30	Discussion	
16:30 - 17:00		

DAY 5

FRIDAY

8:30 - 10:30	Observation of TCID ₅₀	Yuliang Liu
10:30 - 12:00	Discussion of Lab Network	Jing Wang
12:00 - 13:00	Lunch	
13:00 - 15:00	Summarization and discussion for further cooperation	Shengpeng Xin
15:00 - 17:00	Wrap up, certification offering Close training	OIE/CADCC

* Morning / afternoon tea breaks are available in a flexible time during the training.