

12<sup>th</sup> SEACFMD Laboratory Network Meeting  
October 4-5, 2019

# PHILIPPINES



# LABORATORY TESTS USED

## Serology

- ▶ NSP ELISA (3ABC)

## Molecular diagnosis

- ▶ Real-time PCR (Reid et al., 2001 and Callahan et al., 2002)

# Annual Surveillance *(Sample Submission guide)*

LUZON			VISAYAS			MINDANAO		
REGION	PROVINCE	NO. OF SAMPLES	REGION	PROVINCE	NO. OF SAMPLES	REGION	PROVINCE	NO. OF SAMPLES
CAR	Abra	30	VI	Aklan	30	IX	Zamboanga del Norte	30
	Apayao	30		Antique	30		Zamboanga del Sur	30
	Benguet	30		Capiz	30		Zamboanga Sibugay	30
	Ifugao	30		Guimaras	90	X	Bukidnon	30
	Kalinga	30		Iloilo	30		Camiguin	90
	Mt. Province	30		Negros Occidental	45		Lanao del Norte	30
I	Ilocos Norte	30	VII	Bohol	90	XI	Misamis Oriental	30
	Ilocos Sur	30		Cebu	90		Misamis Occidental	30
	La Union	30		Negros Oriental	45		Compostela Valley	30
	Pangasinan	30		Siquijor	90	Davao del Norte	30	
II	Batanes	90	VII	Biliran	90	XI	Davao del Sir	30
	Cagayan	30		Eastern Samar	30		Davao Oriental	30
	Isabela	30		Leyte	45	XII	North Cotabato	30
	Nueva Viscaya	30		Northern Samar	30		Sarangagani	30
	Quirino	30		Samar (Western)	30		South Cotabato	30
III	Aurora	30		Southern Leyte	45	XIII (CARAGA)	Sultan Kudarat	30
	Bataan	30					Agusan del Norte	30
	Bulacan	30					Agusan del Sur	30
	Nueva Ecija	30					Surigao del Norte	30
	Pampanga	30					Surigao del Sur	30
	Tarlac	30					Dinagat Island	90
	Zambales	30				Basilan	90	
IV-A	Batangas	30				ARMM	Lanao del Sur	30
	Cavite	30					Maguindanao	30
	Laguna	30					Shariff Kabunsuan	30
	Quezon	30					Sulu	90
	Rizal	30					Tawi-tawi	90
IV-B	Marinduque	90						
	Mindoro Occidental	45						
	Mindoro Oriental	45						
	Palawan	90						
	Romblon	90						
V	Albay	30						
	Camarines Norte	30						
	Camarines Sure	30						
	Catanduanes	90						
	Masbate	90						
	Sorsogon	30						
<b>SUB-TOTAL</b>		<b>1,530</b>						
					<b>SEMI-ANNUAL</b>	<b>3,480</b>		
					<b>ANNUAL</b>	<b>6,960</b>		
					<b>840</b>			<b>1,110</b>

# Annual Surveillance

YEAR	TARGET NO. OF SAMPLES	NO. OF SAMPLES TESTED	% COMPLIANCE
2013	6960	4,253	61.1%
2014	6960	4,733	68.0%
2015	6960	5,335	76.6%
2016	6960	5,802	83.3%
2017	6960	6,866	98.6%
2018	6960	6,996	100.5%
2019 *	6960	5,605**	80.5%

\*As of Oct. 31, 2019

\*\*One reactor: re-sampled and tested negative



# QA/QC

PrioCHECK FMD NS Antibody ELISA Kit

Lot No. F180202L      Expiry: Jan. 21, 2020

Certificate of Analysis (Control No. 18Q-042):

Test	Specification	Result
OD450 max	1.000 or higher	2.020
PI Weak Positive	> 50%	68%
PI Positive	> 70%	88%

# In-house QA/QC

TEST	SPECIFICATION	RESULTS*	
		Mean	Std. Dev.
OD450 max	1.0 or higher	1.68	0.43
PI Weak pos	> 50%	62.04	2.62
PI Pos	> 70%	85.18	2.22

\*January to October 31, 2019