



4025



FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL batch Number: WRLFMD/2015/00032

Sender Details: Dr. Pranee Rodtian, Dept. of Livestock Development, Regional Reference Laboratory for FMD in SEA, Pakchong, Nakhonratchasima 30130 Thailand, PHONE - 66 44 279112, FAX - 66 44 314889, EMAIL - pranee.rodtian@gmail.com

Date Received: 26/11/2015

Country of Origin: THAILAND

Dear Dr. Pranee Rodtian,

This testing has now been completed in respect of the samples you submitted and the details are as attached.

Results Approved By:

Date: 1/8/16

Official Stamp:

DR JOHN HAMMOND
Acting Head, Livestock Viral Disease Programme
The Pirbright Institute
GU24 0NF

c.c.: K Bankowska, A Bin-tarif, D King, N Knowles, A Ludi, N Lyons, S Metwally, V Mioulet, S Parida, J Pinto, E Raizman, B Statham, K Sumption, J Wadsworth, B Wood, FAO Circulation, OIE Animal Health Information, Regional OIE Delegate.

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by email (reflabsfeedback@pirbright.ac.uk).

FMD VACCINE MATCHING STRAIN DIFFERENTIATION REPORT

Lab Reference WRL Batch Number : WRLFMD/2015/00032

Report Date: 01/08/2016

Interpretation Of Results

r_1 greater than or equal to 0.3 – suggest that there is a close antigenic relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

r_1 less than or equal to 0.3 – suggest that the field isolate is antigenically different from the vaccine strain and that the vaccine is unlikely to protect.

0 = no neutralisation for the field virus was observed at a virus dose of a 100TCID₅₀.

2dmVNT r_1 RESULTS

Vaccines:

Field Isolates:	A IRN/2005	A/TUR/20/2006	A22 IRQ/24/64	O 3039	O Manisa	O/TUR/5/200
A/TAI/15/2015	0	0.01	0.22			
A/TAI/24/2015	0.4	0.01	0.31			
O/TAI/16/2015				0.89	0.36	0.65
O/TAI/26/2015				0.65	0.32	0.74
O/TAI/9/2015				0.66	0.32	0.44