FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL batch Number: WRLFMD/2016/00035

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Date Received: 24/10/2016

Country of Origin: SAUDI ARABIA

Dear Dr Scott Waight/Dr Mofeed Al Khalifa,

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

Results Approved By:

Date: 7/12/2016

Official Stamp:

DR DONALD KING
HEAD: Vesicular Disease
Reference Laboratories
The Pirbright Institute
GU24 0NF

c.c.: K Bankowska, A Bin-tarif, D King, M Henstock, 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/2016/00035

Report Date: 06/12/2016

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 $100TCID_{50}$.

2dmVNT r_1 RESULTS

	Vaccines:						
Field Isolates:	**A Iran 2005**	**A SAU 95**	**A TUR 20/06**	**A22 IRQ**	**O 3039**	**O Manisa**	**O Tur 5/09**
A/SAU/19/2016	0.01	0.22	0.01	0.08			
O/SAU/18/2016					0.62	0.6	0.6