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FMD Vaccine Matching Strain Differentiation Report

Sender Details: [redacted]

Date Received: 22nd December 2014

Country of Origin: KOREA, REPUBLIC OF (SOUTH)

Date Reported: 24th March 2015

2dmVNT

Field Isolates:	Vaccines (means):				
	O 3039	O Manisa	O SKR 7/10**	O Taw98	O TUR 5/09
O SKR 13/2014*	0.73	0.15	0.92	0.44	0.77
O SKR 14/2014	0.42	0.13	1.0	0.27	0.33
O SKR 15/2014*	0.68	0.10	1.0	0.67	0.56
O SKR 16/2014	0.46	0.14	1.0	0.28	0.37
O SKR 18/2014	0.54	0.23	1.0	0.46	0.77
O SKR 19/2014*	0.61	0.30	1.0	0.36	0.67

* These isolates provided by Merial Animal Health from the shipment sent to The Pirbright Institute in December 2014.

** This test used a closely related field strain, not the homologous vaccine strain.

Results Approved By: [redacted]

Official Stamp: [redacted]

Date: 24/3/2015

[redacted]

To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0)1483 232621) or email (trish.ryder@pirbright.ac.uk). The Pirbright Institute actively seeks and appreciates feedback, if you would like to offer feedback please complete the WRLFMD survey: http://www.surveymonkey.com/s/WRLFMD

Interpretation of Results

In the case of Virus Neutralisation Test (VNT):

$r_1 = \geq 0.3$. Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

ND = Not done.