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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2011/00006
Sender Details: [redacted]

Date Received: 7th February 2011
Country of Origin: South Korea
Date Reported: 25th March 2011

Report no:	**VNT**			
Vaccine: / Field Isolate:	VNT	O Manisa UV pool	O Manisa ≥6 PD50 SKR 1-21dpv	O Manisa ≥6 PD50 SKR 2-12dpv
O Skr 5/2010	Mean	0.30	0.24	0.29
O Skr 7/2010	Mean	0.31	0.42	0.34
O Skr 3/2011	Mean	0.33	0.34	0.37

Results Approved By: [redacted]

Official Stamp: [redacted]

Date: 1/4/11

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: elizabeth.wilson@bbsrc.ac.uk)

Interpretation of Results

In the case of Virus Neutralisation Test (VNT):

r_1 = ≥ 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.

Special note: In the case of an r_1 value <0.3, if vaccines of high potency (≥ 6PD50) are used and animals are vaccinated more than once, it is likely that the vaccine strain will provide some protection.