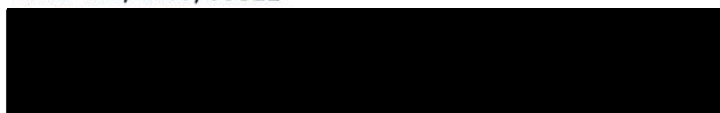


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FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00012

Sender Details:

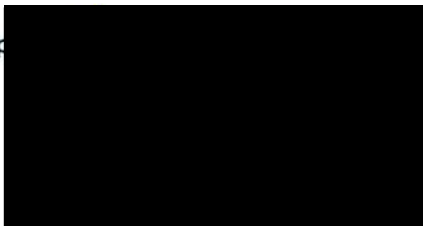


Date Received: 19th March 2009

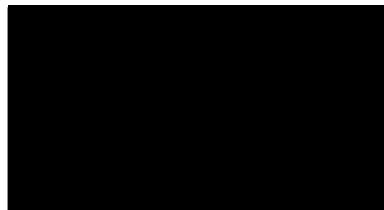
Country of Origin: Egypt

Date Reported: 3rd August 2009

Results App



Official Stamp:



Date: 03/08/09



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.byrom@bbsrc.ac.uk)

	VNT							ELISA				
Field Isolate:	VNT test ref:	A Irn87	A May96	A22 Irq	A Tur06	A Eri 98	A Sau 41/91	ELISA test ref:	A22 Irq 24/64	A Sau 95	A Irn 99	A May 10/97
A Egy 4/2009	mn 95/09			0.06	0.22				DNT	DNT	DNT	DNT
	mn 96/09			0.05	0.21							
	mn 97/09			0.03	0.17	0.16	0.02					
	mn 98/09			0.03	0.23	0.17	0.02					
	mn 102/09	0.24	ref v fail									
	mn 103/09	0.43	ref v fail									
	mn 106/09	0.14	0.12									
	mn 107/09	0.32	0.58									
	mn 108/09	0.31	0.11									
		0.29	0.27	0.06	0.22	0.17	0.02	Mean				
A Egy 16/2009	mn 95/09			0.05	0.19			SD 67/09	Fail	DNT	DNT	DNT
	mn 96/09			0.04	0.26			SD 68/09	0.02			
	mn 97/09			0.08	0.44	0.21	0.03	SD 70/09	0.06			
	mn 98/09			0.06	0.34	0.48	0.03					
	mn 102/09	0.41	ref v fail		>1.0	0.27						
	mn 103/09	0.96	ref v fail									
	mn 106/09	0.16	0.16									
	mn 107/09	0.22	0.31									
	mn 108/09	0.30	0.06									
		0.41	0.18	0.06	0.45	0.32	0.03	Mean	0.04			

In the case of 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

In the case of ELISA:

$r_1 = 0.4-1.0$. 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.

$r_1 = 0.2-0.39$, Suggests that the field isolate is antigenically related to the vaccine strain. The vaccine strain might be suitable for use if no closer match can be found provided that a potent vaccine is used and animals are preferably immunised more than once.

$r_1 = < 0.2$. Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect