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## Interim FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL Batch Number: WRLFMD/2009/00013

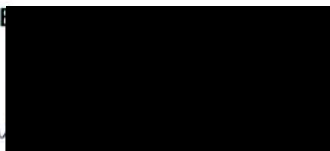
Sender Details:



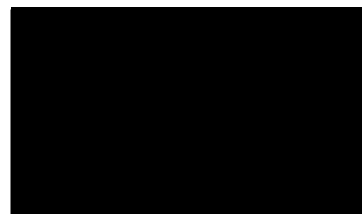
Date Received: 24<sup>th</sup> March 2009  
 Country of Origin: Lebanon  
 Date Reported: 10<sup>th</sup> August 2009

Report no:	VNT							
Field Isolate:	VNT	A Eri 98	A Ind 17/82	A Iln87	A22 Irq	A May96	A Tur06	A Sau 41/91
A Leb 1/2009	mn111/09				0.13		0.49	
	mn112/09			0.05		0.02		
	mn113/09				0.36		0.66	
	mn114/09			0.10		0.03		
	mn120/09	0.05	0.31					0.36
	mn121/09	0.04	0.26					0.37
		0.05	0.29	0.08	0.25	0.03	0.58	0.37
A Leb 5/2009	mn111/09				0.11		0.57	
	mn112/09			0.07		0.01		
	mn113/09				0.12		0.37	
	mn114/09			0.03		0.01		
	mn120/09	0.04	0.24					0.38
	mn121/09	0.03	0.16					0.31
		0.04	0.20	0.05	0.12	0.01	0.47	0.35

Results Approved by



Official Stamp:



Date: 10/08/09

**CC. Dr. N Ferris, Dr. D King, Dr. Y Li, Mr. B. Statham, Ms. J Stoner, G. Hutchings Dr. K Sumption, Dr. Julio Pinto, 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 fax (+44 (0) 1483 232621 or email: [elizabeth.byrom@bbsrc.ac.uk](mailto:elizabeth.byrom@bbsrc.ac.uk))

**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