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FMD Detection And Serotyping Results

Lab Reference WRL batch Number: WRLFMD/2012/00010

Sender Details:



Date Received: 27/02/2012

Country of Origin: LIBYA

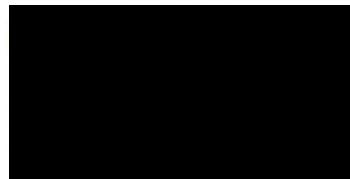
Dear Dr Milad E Farhat,

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

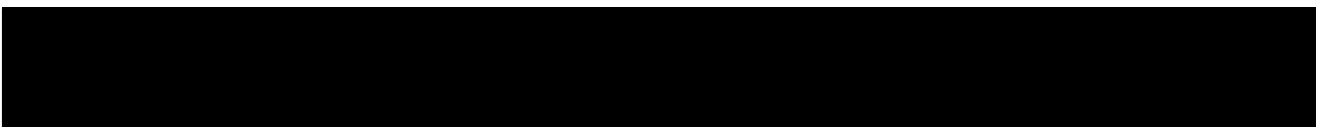
Results Approved By:



Official Stamp



Date: 8.3.2012



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 (gareth.shimmon@iah.ac.uk). IAH actively seeks and appreciates feedback, if you would like to offer feedback please complete the WRLFMD survey: <http://www.surveymonkey.com/s/WRLFMD>

FMD Detection And Serotyping Results Report

INSTITUTE FOR ANIMAL HEALTH

Director: Professor John Fazakerley BSc, MBA, PhD, FRCPath

Lab Reference WRL Batch Number: WRLFMD/2012/00010

PIRBRIGHT LABORATORY

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Surrey GU24 0NF

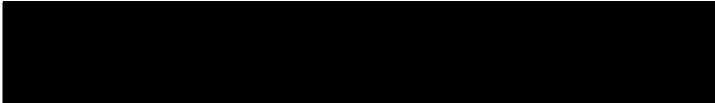
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Website: www.iah.bbsrc.ac.uk

Sender
Details:



Date Received: 27/02/2012 Country Of Origin: LIBYA

Date Tests Completed 08/03/2012

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
C3	LIB 18/2012	CATTLE, epithelium, Collected 15/02/2012	POS	NVD
C1	LIB 19/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
C2	LIB 20/2012	CATTLE, blood, Collected 15/02/2012	NEG	NVD
B1	LIB 21/2012	CATTLE, blood, Collected 15/02/2012	NEG	NVD
A2	LIB 22/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
A1	LIB 23/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
J2	LIB 24/2012	CATTLE, serum, Collected 16/02/2012	NEG	NVD
J1	LIB 25/2012	CATTLE, serum, Collected 16/02/2012	NEG	NVD
I1	LIB 26/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
H2	LIB 27/2012	SHEEP, serum, Collected 16/02/2012	NEG	NVD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected
SOPs - WRL 026 (PCR), WRL 002 (Cell Culture), WRL 006 (ELISA)

A UKAS accredited testing laboratory No. 4025.

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
I1	LIB 28/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
H1	LIB 29/2012	SHEEP, serum, Collected 16/02/2012	NEG	NVD
G1	LIB 30/2012	SHEEP, swab + epithelium, Collected 16/02/2012	POS	NVD
F5	LIB 31/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
F4	LIB 32/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
F3	LIB 33/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
F2	LIB 34/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
F1	LIB 35/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
D3	LIB 36/2012	CATTLE, blood, Collected 16/02/2012	POS	NVD
E3	LIB 37/2012	CATTLE, swab + epithelium, Collected 16/02/2012	POS	NVD
E2	LIB 38/2012	CATTLE, epithelium, Collected 16/02/2012	POS	NVD
D2	LIB 39/2012	CATTLE, blood, Collected 16/02/2012	POS	SAT 2
E1	LIB 40/2012	CATTLE, epithelium, Collected 16/02/2012	POS	SAT 2

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected
SOPs - WRL 026 (PCR), WRL 002 (Cell Culture), WRL 006 (ELISA)

A UKAS accredited testing laboratory No. 4025.

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
D1	LIB 41/2012	CATTLE, blood, Collected 16/02/2012	POS	SAT 2
M3	LIB 42/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
M2	LIB 43/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
M1	LIB 44/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
L1	LIB 45/2012	CATTLE, epithelium, Collected 17/02/2012	POS	NVD
K2	LIB 46/2012	CATTLE, serum, Collected 17/02/2012	NEG	NVD
K1	LIB 47/2012	CATTLE, serum, Collected 17/02/2012	NEG	NVD
Q1	LIB 48/2012	CATTLE, epithelium, Collected 18/02/2012	POS	O
PI	LIB 49/2012	SHEEP, epithelium, Collected 18/02/2012	NEG	NVD
O2	LIB 50/2012	SHEEP, serum, Collected 18/02/2012	NEG	NVD
O1	LIB 51/2012	SHEEP, serum, Collected 18/02/2012	NEG	NVD
N1	LIB 52/2012	CATTLE, swab + epithelium, Collected 18/02/2012	NEG	NVD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected
SOPs - WRL 026 (PCR), WRL 002 (Cell Culture), WRL 006 (ELISA)

A UKAS accredited testing laboratory No. 4025.

LAB DATA VALIDATION REPORT

LAB DATA AND TESTS FOR BATCH - WRLFMD/2012/00010

GENERAL LAB DATA

WRL REF NUMBER RECEIVED IN GRAMS WEIGHT PH STORED DATE RT-PCR INTERIM RESULT FINAL RESULT DATE VALIDATED BY

LIB/2012/00018	27/02/2012	0.813	7.6	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00019	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00020	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00021	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00022	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00023	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00024	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00025	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00026	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00027	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00028	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00029	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00030	27/02/2012	0.001	6	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00031	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00032	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00033	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00034	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00035	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00036	27/02/2012	0	0	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00037	27/02/2012	0.001	6	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00038	27/02/2012	0.001	6	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00039	27/02/2012	0	0	1	1	27/02/2012	POSITIVE	SAT 2
LIB/2012/00040	27/02/2012	0.253	6.5	1	1	27/02/2012	POSITIVE	SAT 2
LIB/2012/00041	27/02/2012	0	0	1	1	27/02/2012	POSITIVE	SAT 2
LIB/2012/00042	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00043	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00044	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00045	27/02/2012	1.457	6.8	1	1	27/02/2012	POSITIVE	FMDV GD
LIB/2012/00046	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00047	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00048	27/02/2012	2.114	6	1	1	27/02/2012	POSITIVE	0
LIB/2012/00049	27/02/2012	0.001	5	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00050	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00051	27/02/2012	0	0	1	1	27/02/2012	NEGATIVE	NVD
LIB/2012/00052	27/02/2012	0.001	5	1	1	27/02/2012	NEGATIVE	NVD

ELISA TEST DATA

WRL REF NO TEST TYPE ATTEMPT HOUR SEROTYPE RESULTS NEGATIVE DATE VALIDATED BY

LIB/2012/00018	OS	1	0	NEG	-0.9	YES
LIB/2012/00030	OS	1	0	NEG	-0.9	YES
LIB/2012/00037	OS	1	0	NEG	-0.9	YES
LIB/2012/00038	OS	1	0	NEG	-0.9	YES
LIB/2012/00039	BTY1	1	48	SAT 2	0.74	NO
LIB/2012/00040	BTY1	1	48	SAT 2	0.98	NO
LIB/2012/00041	BTY1	1	48	SAT 2	0.88	NO
LIB/2012/00045	OS	1	0	NEG	-0.9	YES

LIB/2012/00048	BTY2	1	24	O	2.07	NO		
	OS	1	0	NEG	-0.9	YES		
LIB/2012/00049	OS	1	0	NEG	-0.9	YES		
LIB/2012/00052	OS	1	0	NEG	-0.9	YES		

TISSUE CULTURE TEST DATA

WRL REF NUMBER	TC TEST TYPE	ATTEMPT NUMBER	HOUR	NUMBER OF TUBES	READING	DATE READ	DATE VALIDATED	VALIDATED BY
LIB/2012/00018	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
	RS1	1	24	5	-			
	RS1	1	48	5	-			
	RS1	1	72	5	-			
	RS1	1	96	5	-			
LIB/2012/00019	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00020	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00021	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00022	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00023	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00024	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00025	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00026	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00027	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00028	BTY1	1	24	5	-			
	BTY1	1	48	5	-			

	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00029	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00030	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS1	1	96	5	-		
LIB/2012/00031	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00032	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00033	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00034	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00035	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00036	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
LIB/2012/00037	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS1	1	96	5	-		
LIB/2012/00038	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY1	1	96	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS1	1	96	5	-		

LIB/2012/00039	BTY1	1	24	5	-			
	BTY1	1	48	4	?+			
	BTY1	1	72	1	-			
	BTY1	1	96	1	-			
LIB/2012/00040	BTY1	1	24	5	-			
	BTY1	1	48	3	+			
	BTY1	1	72	1	+			
	BTY1	1	96	1	-			
	RS1	1	24	5	-			
LIB/2012/00041	RS1	1	48	5	-			
	RS1	1	72	5	-			
	RS1	1	96	5	-			
	BTY1	1	24	5	-			
LIB/2012/00042	BTY1	1	48	5	?+			
	BTY1	1	24	5	-			
LIB/2012/00043	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00044	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
LIB/2012/00045	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
	RS1	1	24	5	-			
LIB/2012/00046	RS1	1	48	5	-			
	RS1	1	72	5	-			
	RS1	1	96	5	-			
	BTY1	1	24	5	-			
LIB/2012/00047	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
	BTY1	1	24	5	-			
LIB/2012/00048	BTY1	1	48	2	+			
	BTY1	1	72	3	-			
	BTY1	1	96	3	-			
	BTY2	1	24	5	+			
	BTY2	1	48	5	-			UFR.
	BTY2	1	72	5	-			
	BTY2	1	96	5	-			
LIB/2012/00049	RS1	1	24	5	-			
	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
LIB/2012/00049	BTY1	1	72	5	-			

	BTY1	1	96	5	-			
	RS1	1	24	5	-			
	RS1	1	48	5	-			
	RS1	1	72	5	-			
	RS1	1	96	5	-			
	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
	BTY1	1	24	5	-			
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5	-			
	RS1	1	24	5	-			
	RS1	1	48	5	-			
	RS1	1	72	5	-			
	RS1	1	96	5	-			
LIB/2012/00050								
LIB/2012/00051								
LIB/2012/00052								

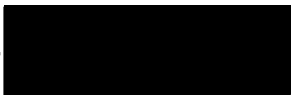
CT VALUES

WRL REF NUMBER	TEST NUMBER	WRL TEST REF	CT VALUE	CT MATERIAL	CT VIRUS	DATE VALIDATED	VALIDATED BY
LIB/2012/00018	1	WRL 0874	31.17	OS	FMD		
	2	WRL 0874	30.84	OS	FMD		
LIB/2012/00019	1	WRL 0874	50	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00020	1	WRL 0874	50	BLOOD	FMD		
	2	WRL 0874	50	BLOOD	FMD		
LIB/2012/00021	1	WRL 0874	50	BLOOD	FMD		
	2	WRL 0874	50	BLOOD	FMD		
LIB/2012/00022	1	WRL 0874	50	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00023	1	WRL 0874	50	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00024	1	WRL 0874	50	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00025	1	WRL 0874	38.48	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00026	1	WRL 0874	50	BLOOD	FMD		
	2	WRL 0874	38.59	BLOOD	FMD		
LIB/2012/00027	1	WRL 0874	35.24	SERUM	FMD		
	2	WRL 0874	37.21	SERUM	FMD		
LIB/2012/00028	1	WRL 0874	50	BLOOD	FMD		
	2	WRL 0874	50	BLOOD	FMD		
LIB/2012/00029	1	WRL 0874	50	SERUM	FMD		
	2	WRL 0874	50	SERUM	FMD		
LIB/2012/00030	1	WRL 0875	27.02	OS	FMD		
	2	WRL 0875	26.72	OS	FMD		
LIB/2012/00031	1	WRL 0875	50	BLOOD	FMD		
	2	WRL 0875	50	BLOOD	FMD		
LIB/2012/00032	1	WRL 0875	50	BLOOD	FMD		

	2	WRL 0875	50	BLOOD	FMD		
LIB/2012/00033	1	WRL 0875	50	BLOOD	FMD		
	2	WRL 0875	50	BLOOD	FMD		
LIB/2012/00034	1	WRL 0875	50	BLOOD	FMD		
	2	WRL 0875	37.64	BLOOD	FMD		
LIB/2012/00035	1	WRL 0875	50	BLOOD	FMD		
	2	WRL 0875	50	BLOOD	FMD		
LIB/2012/00036	1	WRL 0875	27.02	BLOOD	FMD		
	2	WRL 0875	24.45	BLOOD	FMD		
LIB/2012/00037	1	WRL 0875	21.69	OS	FMD		
	2	WRL 0875	22.19	OS	FMD		
LIB/2012/00038	1	WRL 0875	20.24	OS	FMD		
	2	WRL 0875	20.83	OS	FMD		
LIB/2012/00039	1	WRL 0875	27.97	BLOOD	FMD		
	2	WRL 0875	27.37	BLOOD	FMD		
LIB/2012/00040	1	WRL 0875	23.99	OS	FMD		
	2	WRL 0875	23.86	OS	FMD		
LIB/2012/00041	1	WRL 0875	26.12	BLOOD	FMD		
	2	WRL 0875	23.11	BLOOD	FMD		
LIB/2012/00042	1	WRL 0876	50	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00043	1	WRL 0876	36.59	SERUM	FMD		
	2	WRL 0876	36.47	SERUM	FMD		
LIB/2012/00044	1	WRL 0876	50	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00045	1	WRL 0876	22.36	OS	FMD		
	2	WRL 0876	22.3	OS	FMD		
LIB/2012/00046	1	WRL 0876	38.09	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00047	1	WRL 0876	50	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00048	1	WRL 0876	23.12	OS	FMD		
	2	WRL 0876	23.09	OS	FMD		
LIB/2012/00049	1	WRL 0876	50	OS	FMD		
	2	WRL 0876	50	OS	FMD		
LIB/2012/00050	1	WRL 0876	50	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00051	1	WRL 0876	50	SERUM	FMD		
	2	WRL 0876	50	SERUM	FMD		
LIB/2012/00052	1	WRL 0876	37.09	OS	FMD		
	2	WRL 0876	38.76	OS	FMD		

2
0.3

Validated by



Date 08/03/2012

FMD DETECTION AND SEROTYPING FULL RESULTS

BATCH NUMBER - WRLFMD/2012/00010 DATE RECEIVED AT SITE - 27/02/2012 FROM LIBYA

SENDER DETAILS [REDACTED]

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA BTY	RS	Other	PCR Result	Final Result
C3	LIB 18/2012	CATTLE, epithelium Collected 15/02/2012	NEG	-ve	-ve		31.17, 30.84	FMDV GD
C1	LIB 19/2012	CATTLE, serum Collected 15/02/2012		-ve			50, 50	NVD
C2	LIB 20/2012	CATTLE, blood Collected 15/02/2012		-ve			50, 50	NVD
B1	LIB 21/2012	CATTLE, blood Collected 15/02/2012		-ve			50, 50	NVD
A2	LIB 22/2012	CATTLE, serum Collected 15/02/2012		-ve			50, 50	NVD
A1	LIB 23/2012	CATTLE, serum Collected 15/02/2012		-ve			50, 50	NVD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
J2	LIB 24/2012	CATTLE, serum Collected 16/02/2012		-ve			50, 50	NVD
J1	LIB 25/2012	CATTLE, serum Collected 16/02/2012		-ve			38.48, 50	NVD
I1	LIB 26/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 38.59	NVD
H2	LIB 27/2012	SHEEP, serum Collected 16/02/2012		-ve			35.24, 37.21	NVD
I1	LIB 28/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD
H1	LIB 29/2012	SHEEP, serum Collected 16/02/2012		-ve			50, 50	NVD
G1	LIB 30/2012	SHEEP, swab + epithelium Collected 16/02/2012	NEG	-ve	-ve		27.02, 26.72	FMDV GD
F5	LIB 31/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD
F4	LIB 32/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA BTY	RS	Other	PCR Result	Final Result
F3	LIB 33/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD
F2	LIB 34/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 37.64	NVD
F1	LIB 35/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD
D3	LIB 36/2012	CATTLE, blood Collected 16/02/2012		-ve			27.02, 24.45	FMDV GD
E3	LIB 37/2012	CATTLE, swab + epithelium Collected 16/02/2012	NEG	-ve	-ve		21.69, 22.19	FMDV GD
E2	LIB 38/2012	CATTLE, epithelium Collected 16/02/2012	NEG	-ve	-ve		20.24, 20.83	FMDV GD
D2	LIB 39/2012	CATTLE, blood Collected 16/02/2012		SAT 2			27.97, 27.37	SAT 2
E1	LIB 40/2012	CATTLE, epithelium Collected 16/02/2012	NEG	SAT 2	-ve		23.99, 23.86	SAT 2
D1	LIB 41/2012	CATTLE, blood Collected 16/02/2012		SAT 2			26.12, 23.11	SAT 2

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA		Other	PCR Result	Final Result
				BTY	RS			
M3	LIB 42/2012	SHEEP, serum Collected 17/02/2012		-ve			50, 50	NVD
M2	LIB 43/2012	SHEEP, serum Collected 17/02/2012		-ve			36.59, 36.47	NVD
M1	LIB 44/2012	SHEEP, serum Collected 17/02/2012		-ve			50, 50	NVD
L1	LIB 45/2012	CATTLE, epithelium Collected 17/02/2012	NEG	-ve	-ve		22.36, 22.3	FMDV GD
K2	LIB 46/2012	CATTLE, serum Collected 17/02/2012		-ve			38.09, 50	NVD
K1	LIB 47/2012	CATTLE, serum Collected 17/02/2012		-ve			50, 50	NVD
Q1	LIB 48/2012	CATTLE, epithelium Collected 18/02/2012	NEG	O	-ve		23.12, 23.09	O
P1	LIB 49/2012	SHEEP, epithelium Collected 18/02/2012	NEG	-ve	-ve		50, 50	NVD
O2	LIB 50/2012	SHEEP, serum Collected 18/02/2012		-ve			50, 50	NVD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDVGD - FMDV Genome Detected

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
O1	LIB 51/2012	SHEEP, serum Collected 18/02/2012		-ve			50, 50	NVD
N1	LIB 52/2012	CATTLE, swab + epithelium Collected 18/02/2012	NEG	-ve	-ve		37.09, 38.16	NVD

Validated by



Date 08/03/2012