INSTITUTE FOR ANIMAL HEALTH

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



PIRBRIGHT LABORATORY

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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:

Date:

Vedici

8.3.2012

Official Stamp



IAH Batch: IAHB/2012/00192

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

WRL Batch: WRLFMD/2012/00010

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

Sender
Details:

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Date Received: 27/02/2012 Country Of Origin: LIBYA Date Tests Completed 08/03/2012

12 Country Of Orig	iii. Bib i /t	Date Tests	Completed 08/03/2012
WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
LIB 18/2012	CATTLE, epithelium, Collected 15/02/2012	POS	NVD
LIB 19/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
LIB 20/2012	CATTLE, blood, Collected 15/02/2012	NEG	NVD
LIB 21/2012	CATTLE, blood, Collected 15/02/2012	NEG	NVD
LIB 22/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
LIB 23/2012	CATTLE, serum, Collected 15/02/2012	NEG	NVD
LIB 24/2012	CATTLE, serum, Collected 16/02/2012	NEG	NVD
LIB 25/2012	CATTLE, serum, Collected 16/02/2012	NEG	NVD
LIB 26/2012	SHEEP, blood, Collected 16/02/201	2 NEG	NVD
LIB 27/2012	SHEEP, serum, Collected 16/02/201	2 NEG	NVD
	LIB 18/2012 LIB 19/2012 LIB 20/2012 LIB 22/2012 LIB 23/2012 LIB 24/2012 LIB 25/2012	WRL Reference Description of Sample LIB 18/2012 CATTLE, epithelium, Collected 15/02/2012 LIB 19/2012 CATTLE, serum, Collected 15/02/2012 LIB 20/2012 CATTLE, blood, Collected 15/02/2012 LIB 21/2012 CATTLE, blood, Collected 15/02/2012 LIB 22/2012 CATTLE, serum, Collected 15/02/2012 LIB 23/2012 CATTLE, serum, Collected 15/02/2012 LIB 24/2012 CATTLE, serum, Collected 16/02/2012 LIB 25/2012 CATTLE, serum, Collected 16/02/2012 LIB 26/2012 CATTLE, serum, Collected 16/02/2012	WRL Reference Description of Sample Result PCR Result LIB 18/2012 CATTLE, epithelium, Collected 15/02/2012 POS LIB 19/2012 CATTLE, serum, Collected 15/02/2012 NEG LIB 20/2012 CATTLE, blood, Collected 15/02/2012 NEG LIB 21/2012 CATTLE, blood, Collected 15/02/2012 NEG LIB 22/2012 CATTLE, serum, Collected 15/02/2012 NEG LIB 23/2012 CATTLE, serum, Collected 16/02/2012 NEG LIB 24/2012 CATTLE, serum, Collected NEG NEG LIB 25/2012 CATTLE, serum, Collected NEG NEG LIB 25/2012 CATTLE, serum, Collected NEG NEG LIB 26/2012 SHEEP, blood, Collected 16/02/2012 NEG

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)

WRL Batch: WRLFMD/2012/00010 IAH Batch: IAHB/2012/00192

A UKAS accredited testing laboratory No. 4025.

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
11	LIB 28/2012	SHEEP, blood, Collected 16/02/2012	NEG	NVD
HI	LIB 29/2012	SHEEP, serum, Collected 16/02/2012	NEG	NVD
GI	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		NVD
FI	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
EI	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
DI		LIB 41/2012	CATTLE, blood, Collected 16/02/2012	POS	SAT 2
M 3		LIB 42/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
<u>M2</u>		LIB 43/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
MI		LIB 44/2012	SHEEP, serum, Collected 17/02/2012	NEG	NVD
LI		LIB 45/2012	CATTLE, epithelium, Collected 17/02/2012	POS	NVD
<u>K2</u>		LIB 46/2012	CATTLE, serum, Collected 17/02/2012	NEG	NVD
KI		LIB 47/2012	CATTLE, serum, Collected 17/02/2012	NEG	NVD
QI		LIB 48/2012	CATTLE, epithelium, Collected 18/02/2012	POS	0
PI		LIB 49/2012	SHEEP, epithelium, Collected 18/02/2012	NEG	NVD
<u>O2</u>		LIB 50/2012	SHEEP, serum, Collected 18/02/2012	NEG	NVD
01		LIB 51/2012	SHEEP, serum, Collected 18/02/2012	NEG	NVD
NI		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)

WRL Batch: WRLFMD/2012/00010 IAH Batch: IAHB/2012/00192

A UKAS accredited testing laboratory No. 4025.

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

GENERAL LAB DATA

VALIDATI YB GE	TAD TADIJAV	FINAL RESULT	INTERIM TJUSƏR	язч-тя	DATE STORED	STORED TNUOMA	На	WEIGHT	DATE DATE	WRL REF
		FMDV GD		POSITIVE	27/02/2012	ı	9.7	£18.0	27/02/2012	812012/00018
	•	ДЛИ		NEGATIVE	27/02/2012	ı	0	0	27/02/2012	B/2012/00019
	•	DVN		AVITAĐĐN	27/02/2012] L	1 0	0	27/02/2012	IB/2012/00020
		QΛN	_	NEGATIVE	27/02/2012	ı	. 0	0	27/02/2012	IB/2015/00051
	· · · · · · · · · · · · · · · · · · ·	ΠΛΝ		HEGATIVE	27/02/2012		0	0	27/02/2012	IB/2015/00055
		QΛN		NEGATIVE	27/02/2012	ī	. 0	0	21/02/20/2	B/2012/00023
		ΠΛΝ		NEGATIVE	27/02/2012	ı	0	0	21/02/20/12	B/2012/00024
		QΛN		NEGATIVE	21/02/20/12	, r	0	0	21/02/20/12	8/2012/00025
		QΛN		NEGATIVE	27/02/2012	-i	0	0	27/02/2012	8/2012/00026
		ΠΛΝ		AVITAĐĐI	27/02/2012	†	0	0	27/02/2012	B/2012/00027
		QΛN		NEGATIVE	21/02/20/12		0	0	27/02/2012	8/2012/00028
	•	QAN		NEGATIVE	27/02/2012	1	0	0	27/02/2012	8/2012/00029
	<u>†</u>	FMDV GD		POSITIVE	27/02/2012	ŧ	9	100.0	27/02/2012	8/2012/00030
	:	ΠΛΝ		NEGATIVE	27/02/2012		; 0	0	27/02/2012	8/2015/00031
	•	ΔΛN		NEGATIVE	27/02/2012		0	0	27/02/2012	3/2012/00032
	•	ΠΛΝ		BVITADBN	21/02/2012	•	0	0	27/02/2012	3/2012/00033
	•	QΛN		AVITAĐĐA	21/02/2012	19	0	0	21/02/20/72	8/2012/00034
		ΟΛΝ		NEGATIVE	27/02/2012		0	0	21/02/20/12	9/2015/00035
		EWDA GD		POSITIVE	27/02/2012	1	0	0	27/02/2012	9/2015/00036
		EWDA GD		POSITIVE	27/02/2012	ı	9	100.0	27/02/2012	2000/2102/8
	·	EWDA GD		POSITIVE	27/02/2012		9	100.0	27/02/2012	9/2012/00038
		STAS		POSITIVE	27/02/2012		0	0	27/02/2012	9/2012/00039
	- 1	STAS		BVITISO 9	27/02/2012	, l	G. 8	0.253	21/02/20/12	01/2/00040
		S TAS		POSITIVE	27/02/2012		. 0	0	27/02/2012	12012/00041
		QΛN		NEGATIVE	27/02/2012	ŀ	0	0	21/02/20/12	8\2012\000 4 2
	-	QΛN		HEGATIVE	27/02/2012	<u> </u>	0	0	27/02/2012	B/2012/00043
		ΠΛΝ		NEGATIVE	27/02/2012	ŀ	0	0	27/02/2012	B/2015/00044
		EWDA CD		BVITISOR	27/02/2012	1	8.8	784.1	21/02/20/12	B/2012/00045
	1	DAN		NEGATIVE	27/02/2017	 	0	0	21/02/20172	3/2012/00046
		DAN		NEGATIVE	27/02/2012		0	0	27/02/2012	3/2012/00047
		0		BVITIROG	27/02/2012	† 	. 9	2,114	27/02/2012	3/2012/00048
		DAN		NEGATIVE	27/02/2012		ç	100.0	27/02/2012	9/2012/00049
		QAN		HEGATIVE	27/02/2012		0	0	21/02/20/2	9/2015/00020
		QAN		AVITAĐĐA	27/02/2012	. I	0	0	21/02/20/2	1500072102/8
1		ΠΛΝ		BVITAĐĐN	27/02/2017			100.0	27/02/2012	3/2012/00052

ELISA TEST DATA

DATE VALIDATED YB GENERAL B	NEGATIVE	RESULTS	SEROTYPE	ЯПОН	TGMBTTA	TEST TYPE	WRL REF NO
·	VES	6.0-	DEN	0		SO	LIB/2012/00018
	λES	6.0-	NEG	0	ı	SO	LIB/2012/00030
· · · · · · · · · · · · · · · · · · ·	, KES	6.0-	NEG	0		SO	LIB/2012/00037
	YES	6.0-	DEN	0	ı	SO	LIB/2012/00038
	ON	₽ ₹.0	STAS	. 87	ı	IYT8	LIB/2012/00039
	ON	86.0	STAS	. 87	i	IYT8	LIB/2012/00040
	YES	6.0-	NEG	0	ţ	SO	*.
	ON	88.0	STAS	84	ı	IYTB	LIB/2012/00041
	λE2	6.0-	NEG	0		SO	LIB/2012/00045

LIB/2012/00048	BTY2	1	24	0	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

		TISSU	E CULT	URE TES	T 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	-		1	
	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	-		<u> </u>	
	BTY1	1	48	5	•			
	BTY1	1	72	5				
	BTY1	1	96	5	·· <u>·</u>			
LIB/2012/00022	BTY1	1	24	5	-			
	BTY1	1 1	48	5			1	
	BTY1	1	72	5	<u> </u>			
	BTY1	1	96	5				
LIB/2012/00023	BTY1	1	24	5				
	BTY1	1	48	5			-	-
	BTY1	1	72	5				
	BTY1	1	96	5			1	!
LIB/2012/00024	BTY1		24	5			<u> </u>	,
LID/2012/00024	BTY1	1	48	5			 -	,
	BTY1	1	72	5			-	
	BTY1	1	96		•			
LIB/2012/00025	BTY1	1	24	5 5				
LIB/2012/00023	BTY1	1	48	5				
		1	72	5				
	BTY1	ļ ļ			•			
11000400000	BTY1	1	96	5			<u> </u>	
LIB/2012/00026	BTY1	1	24	5	;			,
	BTY1	1	48	5	- !		-	
	BTY1	1	72	5	•			
1 1540040100007	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	•			
03/2012 15:13:58	BTY1	1	48	5	Page 2 of	6 Constan	l by IAH Inform	ation LIH P I

!	BTY1	1	/2	5	<u>-</u>			
	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	-	<u></u>		
	BTY1	1	48	5	•			
	BTY1	1	72	5	•			
	BTY1	1	96	5	-			
	R\$1	1	24	5				
	RS1	1	48	5	-			
					<u> </u>	 		
	RS1	1	72	5				ļ <u>.</u> .
	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				
2.0720 -2.00002	BTY1	1	48	5	_			<u> </u>
				<u> </u>	-			ļ
	BTY1	1	72	5	<u> </u>			
	BTY1	1	96	5	-			
LIB/2012/00033	BTY1	1	24	5		<u> </u>		
	BTY1	1	48	5	•			
	BTY1	1	72	5	•	· ·		
	BTY1	1	96	5	· ·	· · · · · · · · · · · · · · · · · · ·		
LIB/2012/00034	BTY1	1	24	5		 		
	BTY1	1	48	5	 	1		
			! :	I		<u>-</u> -		
	BTY1	1	72	5	ļ			
	BTY1	1	96	5				
LIB/2012/00035	BTY1	1	24	5	•	İ		
	BTY1	1	48	5	-			
	BTY1	1	72	5	-			
	BTY1	1	96	5				
LIB/2012/00036	BTY1	1	24	5			·	1
	BTY1	1	48	5		-		
	BTY1	1	72	5	·	-		
	, ,	1	ļ	5				
	BTY1		96		• .			
LIB/2012/00037	BTY1	1	24	5	•			
	BTY1	1	48	5	•		l	
	BTY1	1	72	5	•			
	BTY1	1	96	5	-			
	R\$1	1	24	5	•			
	R\$1	1	48	5	-			
	RS1	1	72	5	 	-		
	RS1	1	96	5	<u> </u>			
LIB/2012/00038	BTY1	<u>'</u>	24	5		-		
LIU120 12/00/30	i	- ' <u>-</u>	<u> </u>	5	•	-	<u> </u>	
	BTY1		48		•	 		
	BTY1	1	72	5	•			
	BTY1	1	96	5	•	<u> </u>		<u> </u>
	RS1	1	24	5	-			
	RS1	1	48	5	-			
	RS1	1	72	5				1
	RS1	1	96	5	-			
	·	L	<u> </u>	I	<u>.l</u>	-1	.l	<u> </u>

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				
	RS1	1	48	5	•		<u> </u>	
	<u> </u>		72	5				-
	RS1	1			•			
	RS1	1	96	5	-			
LIB/2012/00041	BTY1	1	24	5	•			
	BTY1	1	48	5	?+			
LIB/2012/00042	BTY1	1	24	5	•			
	BTY1	1	48	5	•			
	BTY1	1	72	5	-			
	BTY1	1	96	5	•			
LIB/2012/00043	BTY1	1	24	5	•			
	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	•			
	RS1	1	48	5	•			I
	RS1	<u>'</u>	72	5				
	RS1	1	96	5		· - 		
110/0040/00046					·			
LIB/2012/00046	BTY1	1	24	5	-			
	BTY1	1	48	5	•			
	BTY1	1	72	5	•			
	BTY1	1	96	5	•			-
LIB/2012/00047	BTY1	1	24	5	•			
	BTY1	1	48	5			·	
	BTY1	1	72	5	-			
	BTY1	1	96	5	•			
LIB/2012/00048	BTY1	1	24	5	•			
	BTY1	1	48	2	+		· · · · · · · · · · · · · · · · · · ·	
	BTY1	1	72	3	•			
	BTY1	1	96	3	<u>.</u>			
	BTY2	1	24	5	+			
	BTY2	1/	48	5	/	८%,		
	BTV2		72					
	BTY2	1	96	5	<u>/ · </u>			
	RS1	1	24	5				
LIB/2012/00049	BTY1	1	24	5	-	- · · ·	- 	
	BTY1	1	48	5	•			
	BTY1	1	72	5	•			
10/0040 45/40/50					5 •			

	ВТУ1	-	96	S	•			
•	RS1	-	24	S	•	i 		
_	RS1	-	84	က				
•	RS1	-	72	5				
•	RS1	-	96	5				
LIB/2012/00050	BTY1	-	24	ş	•			
	BTY1	-	84	٠,	•	•	1	
	ВТУ1	-	72	5	•			
	BTY1	-	96	2	•			:
LIB/2012/00051	ВТУ1	-	24	5				
•	BTY1	-	48	5				
•	BTY1	-	72	5				
	BTY1	_	96	اد	•			
LIB/2012/00052	BTY1	-	24	3	•		-	
-	ВТУ1	-	84	း				
	ВТУ1	_	72	\$	•			'
	BTY1	-	96	S		İ		
	RS1	-	24	S.	•			
•	RS1	-	48	ĸ	•	: 		:
	RS1	-	72	5	•			
•	RS1	_	96	5				

WRL REF						L + 4 C	
NUMBER	TEST NUMBER	WRL TEST REF	CT VALUE	CT MATERIAL	CT VIRUS	DAIE VALIDATED	VALIDATED) BY
LIB/2012/00018	-	WRL 0874	31.17	SO	FMD	1	<u> </u>
!	2	WRL 0874	30.84	SO	FMD		
LIB/2012/00019	-	WRL 0874	50	SERUM	FMD		
	7	WRL 0874	20	SERUM	FMD		1
LIB/2012/00020	-	WRL 0874	20	BL000	FMD		<u> </u>
	2	WRL 0874	20	BLOOD	FMD		
LIB/2012/00021	-	WRL 0874	20	BLOOD	FMD		
-	2	WRL 0874	20	. 000 18	FMD		,
LIB/2012/00022	-	WRL 0874	99	SERUM	FMD		
	2	WRL 0874	. 20	SERUM	FMD		
LIB/2012/00023	-	WRL 0874	20	SERUM	FMD		
	2	WRL 0874	25	SERUM	FMD		
LIB/2012/00024	-	WRL 0874	20	SERUM	FMD		
	2	WRL 0874	S	SERUM	FMD		
LIB/2012/00025	-	WRL 0874	38.48	SERUM	FMD		
	2	WRL 0874	S	SERUM	FMD		·
LIB/2012/00026	-	WRL 0874		BLOOD	FMD		
ľ	2	WRL 0874	38.59	BLOOD	FMD		
LIB/2012/00027	-	WRL 0874	35.24	SERUM	FMD		
•	7	WRL 0874	37.21	SERUM	FMD		
LIB/2012/00028	-	WRL 0874	20	BLOOD	FMD		
•	2	WRL 0874	20	BLOOD	FMO		:
LIB/2012/00029	-	WRL 0874		SERUM	FMD		
l	2	WRL 0874	20	SERUM	FMD		
LIB/2012/00030	-	WRL 0875	27.02	SO	FMD		
	2	WRL 0875	26.72	SO	FMD		† !
LIB/2012/00031	-	WRL 0875	20	BLOOD	FMD		
	. 2	WRL 0875	99	BLOOD	FWD		
LIB/2012/00032	-	WRL 0875	20	BLOOD	FMD		

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	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		<u> </u>
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		1
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		
<u> </u>	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	<u> </u>	
	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		
f : :	2	WRL 0876	38.76	os	FMD		

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FMD DETECTION AND SEROTYPING FULL RESULTS

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

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Cul BTY	ture / ELISA 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
CI	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
Bl	LIB 21/2012	CATTLE, blood Collected 15/02/2012		-ve		<u> </u>	50, 50	NVD
A2	LIB 22/2012	CATTLE, serum Collected 15/02/2012		-ve			50, 50	NVD
Al	LIB 23/2012	CATTLE, serum Collected 15/02/2012		-ve			50, 50	NVD

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Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Cult BTY	ture / ELISA RS	Other	PCR Result	Final Result
12	LIB 24/2012	CATTLE, serum Collected 16/02/2012		-ve		-	50, 50	NVD
11	LIB 25/2012	CATTLE, serum Collected 16/02/2012		-ve			38.48, 50	NVD
1	LIB 26/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 38.59	NVD
12	LIB 27/2012	SHEEP, serum Collected 16/02/2012		-ve			35.24, 37.21	NVD
1	LIB 28/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD
1 1	LIB 29/2012	SHEEP, serum Collected 16/02/2012		-ve			50, 50	NVD
31	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
<i>-</i> 4	LIB 32/2012	SHEEP, blood Collected 16/02/2012		-ve			50, 50	NVD

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Cult BTY	ure / ELISA 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
FI	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
DI	LIB 41/2012	CATTLE, blood Collected 16/02/2012		SAT 2			26.12, 23.11	SAT 2

06 March 2012

Your Reference	WRL	Description of Sample	Direct Antigen	Cell Cult	ture / ELISA		PCR	Final Result
	Reference		ELISA	BTY	RS	Other	Result	
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	<u>.</u>		36.59, 36.47	NVD
MI	LIB 44/2012	SHEEP, serum Collected 17/02/2012		-ve			50, 50	NVD
LI	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
KI	LIB 47/2012	CATTLE, serum Collected 17/02/2012		-ve			50, 50	NVD
QI	LIB 48/2012	CATTLE, cpithelium Collected 18/02/2012	NEG	0	-ve		23.12, 23.09	0
PI	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

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

Validated by ..

Date 0863 12012

06 March 2012