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FMD Detection And Serotyping Results

Lab Reference WRL batch Number: WRLFMD/2012/00006

Sender Details:



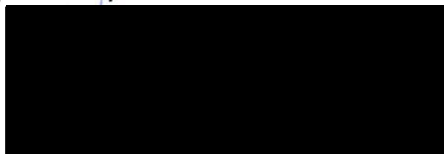
Date Received: 03/02/2012

Country of Origin: ETHIOPIA

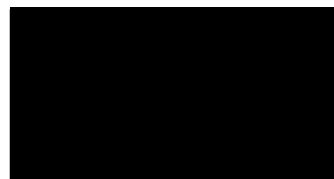
Dear Esayas Gelaye,

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

Results Approved By:

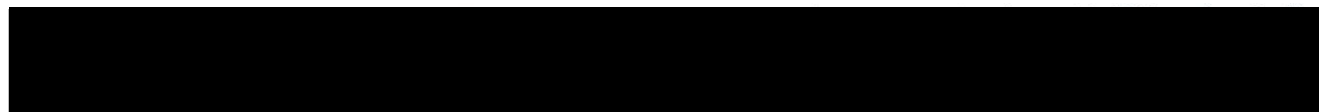


Official Stamp



Date:

17/2/12



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/2012/00006

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Date Received: 03/02/2012 Country Of Origin: ETHIOPIA

Date Tests Completed 15/02/2012

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
ET 02/2012	ETH 29/2011	PIG, fluid/cell culture/bhk, Collected 15/07/2011	POS	O
ET 04/2012	ETH 30/2011	PIG, fluid/cell culture/bhk, Collected 15/07/2011	POS	NVD
ET 01/2011	ETH 31/2011	PIG, fluid/cell culture/bhk, Collected 29/07/2011	NEG	NVD
ET 03/2012	ETH 32/2011	PIG, fluid/cell culture/bhk, Collected 29/07/2011	POS	O
ET 05/2012	ETH 33/2011	PIG, fluid/cell culture/bhk, Collected 29/07/2011	POS	NVD
ET 06/2011	ETH 34/2011	CATTLE, fluid/cell culture/bhk, Collected 29/07/2011	POS	O
ET 34/2012	ETH 35/2011	CATTLE, fluid/cell culture/bhk, Collected 19/09/2011	POS	NVD
ET 35/2012	ETH 36/2011	CATTLE, fluid/cell culture/bhk, Collected 19/09/2011	POS	NVD
ET 36/2012	ETH 37/2011	CATTLE, fluid/cell culture/bhk, Collected 19/09/2011	POS	NVD
ET 12/2012	ETH 38/2011	CATTLE, fluid/cell culture/bhk, Collected 04/10/2011	POS	O

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
ET 13/2012	ETH 39/2011	CATTLE, fluid/cell culture/bhk, Collected 04/10/2011	NEG	NVD
ET 25 2012	ETH 40/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	NVD
ET 26 2012	ETH 41/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	NVD
ET 27 2012	ETH 42/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	O
ET 28 2012	ETH 43/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	NVD
ET 29 2012	ETH 44/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	NVD
ET 30/ 2012	ETH 45/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	O
ET 31/ 2012	ETH 46/2011	CATTLE, fluid/cell culture/bhk, Collected 08/10/2011	POS	O
ET 07/ 2012	ETH 47/2011	CATTLE, fluid/cell culture/bhk, Collected 14/10/2011	POS	NVD
ET 08/ 2012	ETH 48/2011	CATTLE, fluid/cell culture/bhk, Collected 14/10/2011	POS	O
ET 09/ 2012	ETH 49/2011	CATTLE, fluid/cell culture/bhk, Collected 14/10/2011	POS	O
ET 10/ 2012	ETH 50/2011	CATTLE, fluid/cell culture/bhk, Collected 14/10/2011	POS	O
ET 11/ 2012	ETH 51/2011	CATTLE, fluid/cell culture/bhk, Collected 14/10/2011	POS	O

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)

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Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
ET 22/ 2012	ETH 52/2011	CATTLE, fluid/cell culture/bhk, Collected 25/11/2011	POS	NVD
ET 23/ 2012	ETH 53/2011	CATTLE, fluid/cell culture/bhk, Collected 25/11/2011	POS	NVD
ET 32/ 2012	ETH 54/2011	CATTLE, fluid/cell culture/bhk, Collected 25/11/2011	POS	NVD
ET 33/ 2012	ETH 55/2011	CATTLE, fluid/cell culture/bhk, Collected 25/11/2011	POS	NVD
ET 14/ 2012	ETH 56/2011	CATTLE, fluid/cell culture/bhk, Collected 29/11/2011	POS	NVD
ET 15/ 2012	ETH 57/2011	CATTLE, fluid/cell culture/bhk, Collected 29/11/2011	POS	NVD
ET 16/ 2012	ETH 58/2011	CATTLE, fluid/cell culture/bhk, Collected 29/11/2011	POS	NVD
ET 17/ 2012	ETH 59/2011	CATTLE, fluid/cell culture/bhk, Collected 29/11/2011	POS	O
ET 18/ 2012	ETH 60/2011	CATTLE, fluid/cell culture/bhk, Collected 29/11/2011	NEG	NVD
ET 19/ 2012	ETH 61/2011	CATTLE, fluid/cell culture/bhk, Collected 01/12/2011	NEG	NVD
ET 20/ 2012	ETH 62/2011	CATTLE, fluid/cell culture/bhk, Collected 01/12/2011	POS	NVD
ET 21/ 2012	ETH 63/2011	CATTLE, fluid/cell culture/bhk, Collected 01/12/2011	POS	NVD
ET 24/ 2012	ETH 64/2011	CATTLE, fluid/cell culture/bhk, Collected 01/12/2011	POS	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)

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LAB DATA VALIDATION REPORT
LAB DATA AND TESTS FOR BATCH - WRLFMD/2012/0006
GENERAL LAB DATA

WRL REF DATE WEIGHT PH STORED DATE RT-PCR INTERIM RESULT FINAL RESULT DATE VALIDATED BY

WRL REF	DATE	RECEIVED IN GRAMS	PH	STORED DATE	RT-PCR	INTERIM RESULT	FINAL RESULT	DATE VALIDATED	BY
ETH/2011/00029	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00030	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00031	03/02/2012	0	0	03/02/2012	1	NEGATIVE	NVD	0	
ETH/2011/00032	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00033	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00034	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00035	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00036	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00037	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00038	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00039	03/02/2012	0	0	03/02/2012	1	NEGATIVE	NVD	0	
ETH/2011/00040	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00041	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00042	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00043	03/02/2012	0	0	03/02/2012	1	NEGATIVE	POSITIVE	0	
ETH/2011/00044	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00045	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00046	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00047	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00048	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00049	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00050	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00051	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00052	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00053	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00054	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00055	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00056	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00057	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00058	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00059	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00060	03/02/2012	0	0	03/02/2012	1	NEGATIVE	NVD	0	
ETH/2011/00061	03/02/2012	0	0	03/02/2012	1	NEGATIVE	NVD	0	
ETH/2011/00062	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00063	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	
ETH/2011/00064	03/02/2012	0	0	03/02/2012	1	POSITIVE	POSITIVE	0	

ELISA TEST DATA

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

ETH/2011/00029	BTY1	1	24	0	1.59	NO
ETH/2011/00032	BTY1	1	24	0	0.93	NO
ETH/2011/00034	BTY1	1	48	0	1.47	NO
ETH/2011/00038	BTY1	1	24	0	1.96	NO
ETH/2011/00042	BTY2	1	24	0	1.48	NO
ETH/2011/00045	BTY2	1	24	0	1.39	NO
ETH/2011/00029	RS1	1	48	0	2.28	NO
ETH/2011/00032	RS1	1	24	0	0.93	NO
ETH/2011/00034	RS1	1	48	0	1.55	NO
ETH/2011/00038	RS1	1	24	0	1.96	NO
ETH/2011/00042	RS1	1	24	0	1.48	NO
ETH/2011/00045	RS1	1	24	0	1.39	NO

ETH/2011/00046	BTY2	1	24	0	2.15	NO		
ETH/2011/00048	BTY1	1	48	0	2.19	NO		
ETH/2011/00049	BTY1	1	24	0	1.64	NO		
ETH/2011/00050	BTY1	1	24	0	1.69	NO		
ETH/2011/00051	BTY1	1	24	0	0.87	NO		
ETH/2011/00059	BTY1	1	48	0	2.05	NO		

TISSUE CULTURE TEST DATA

WRL REF NUMBER	TC TEST TYPE	ATTEMPT NUMBER	HOUR	NUMBER OF TUBES	READING	DATE READ	DATE VALIDATED	VALIDATED BY
ETH/2011/00029	BHK BTY1	1	24	5	+			
	BHK RS1	1	24	5	-			
ETH/2011/00030	BHK RS1	1	48	5	+			
	BHK BTY1	1	24	5	-			
ETH/2011/00031	BHK BTY1	1	48	5	-			
	BHK BTY1	1	72	5	-			
	BHK BTY1	1	96	5	-			
	BHK RS1	1	24	5	-			
	BHK RS1	1	48	5	-			
	BHK RS1	1	72	5	-			
	BHK RS1	1	96	5	-			
	BHK BTY1	1	24	5	-			
	BHK BTY1	1	48	5	-			
	BHK BTY1	1	72	5	-			
ETH/2011/00032	BHK BTY1	1	96	5	-			
	BHK RS1	1	24	5	-			
	BHK RS1	1	48	5	-			
	BHK RS1	1	72	5	-			
ETH/2011/00033	BHK RS1	1	96	5	-			
	BHK BTY1	1	24	5	+			
	BHK RS1	1	24	5	+			
	BHK BTY1	1	24	5	-			
	BHK BTY1	1	48	5	-			
	BHK BTY1	1	72	5	-			
ETH/2011/00034	BHK BTY1	1	96	5	-			
	BHK RS1	1	24	5	-			
	BHK RS1	1	48	5	-			
	BHK RS1	1	72	5	-			
	BHK RS1	1	96	5	-			
	BHK BTY1	1	24	4	VVE			
ETH/2011/00035	BHK BTY1	1	48	5	+			
	BHK BTY1	1	72	5	-			
ETH/2011/00036	BHK BTY1	1	96	5	-			
	BHK BTY1	1	24	5	-			
	BHK BTY1	1	48	5	-			
	BHK BTY1	1	72	5	-			
ETH/2011/00037	BHK BTY1	1	96	5	-			
	BHK BTY1	1	24	5	-			
	BHK BTY1	1	48	5	-			
	BHK BTY1	1	72	5	-			
ETH/2011/00038	BHK BTY1	1	96	5	-			
	BHK BTY1	1	24	5	+			
	BHK BTY1	1	48	5	-			

ETH/2011/00039	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	CONTAM		
	BHK BTY2	1	24	5	-		
	BHK BTY2	1	48	5	-		
ETH/2011/00040	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
ETH/2011/00041	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
ETH/2011/00042	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	2	+		
	BHK BTY1	1	72	3	-		
	BHK BTY1	1	96	3	-		
ETH/2011/00043	BHK BTY2	1	24	5	+		
	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
ETH/2011/00044	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	1	VE?		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
ETH/2011/00045	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	CONTAM		
	BHK BTY2	1	24	5	+		
ETH/2011/00046	BHK BTY1	1	24	1	VE		
	BHK BTY1	1	48	5	CONTAM		
	BHK BTY2	1	24	5	+		
ETH/2011/00047	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
	BHK BTY1	1	96	5	-		
ETH/2011/00048	BHK BTY1	1	24	1	VE		
	BHK BTY1	1	48	5	+		
ETH/2011/00049	BHK BTY1	1	24	5	+		
ETH/2011/00050	BHK BTY1	1	24	5	+		
ETH/2011/00051	BHK BTY1	1	24	5	+		
ETH/2011/00052	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
	BHK BTY1	1	96	5	-		
ETH/2011/00053	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	5	-		
ETH/2011/00054	BHK BTY1	1	48	5	-		
	BHK BTY1	1	72	5	-		
	BHK BTY1	1	96	5	-		
	BHK BTY1	1	24	5	-		
ETH/2011/00055	BHK BTY1	1	48	5	-		
	BHK BTY1	1	24	5	-		
	BHK BTY1	1	48	5	-		

	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00056	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00057	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00058	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00059	BHK BTY1	1	24	3	VE			
	BHK BTY1	1	48	5	+			
ETH/2011/00060	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00061	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00062	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00063	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			
ETH/2011/00064	BHK BTY1	1	24	5	.			
	BHK BTY1	1	48	5	.			
	BHK BTY1	1	72	5	.			
	BHK BTY1	1	96	5	.			

CT VALUES

WRL REF NUMBER	TEST NUMBER	WRL TEST REF	CT VALUE	CT MATERIAL	CT VIRUS	DATE VALIDATED	VALIDATED BY
ETH/2011/00029	1	WRL 0866	24.96	OF	FMD		
	2	WRL 0866	25.59	OF	FMD		
ETH/2011/00030	1	WRL 0866	29.63	OF	FMD		
	2	WRL 0866	50	OF	FMD		
ETH/2011/00031	1	WRL 0866	32.79	OF	FMD		
	2	WRL 0866	33.48	OF	FMD		
ETH/2011/00032	1	WRL 0866	19.73	OF	FMD		
	2	WRL 0866	19.73	OF	FMD		
ETH/2011/00033	1	WRL 0866	50	OF	FMD		
	2	WRL 0866	31.94	OF	FMD		
ETH/2011/00034	1	WRL 0866	27.7	OF	FMD		
	2	WRL 0866	27.38	OF	FMD		
ETH/2011/00035	1	WRL 0866	27.56	OF	FMD		
	2	WRL 0866	28.29	OF	FMD		

ETH/2011/00036	1	WRL 0866	50	OF	FMD		
	2	WRL 0866	26.47	OF	FMD		
ETH/2011/00037	1	WRL 0866	27.85	OF	FMD		
	2	WRL 0866	27.93	OF	FMD		
ETH/2011/00038	1	WRL 0866	25.93	OF	FMD		
	2	WRL 0866	50	OF	FMD		
ETH/2011/00039	1	WRL 0866	35.21	OF	FMD		
	2	WRL 0866	50	OF	FMD		
ETH/2011/00040	1	WRL 0866	21.39	OF	FMD		
	2	WRL 0866	50	OF	FMD		
ETH/2011/00041	1	WRL 0867	26.24	OF	FMD		
	2	WRL 0867	26.29	OF	FMD		
ETH/2011/00042	1	WRL 0867	25.52	OF	FMD		
	2	WRL 0867	26.69	OF	FMD		
ETH/2011/00043	1	WRL 0867	32.37 30.70	OF	FMD		
	2	WRL 0867	32.14 30.44	OF	FMD		
ETH/2011/00044	1	WRL 0867	23.39	OF	FMD		
	2	WRL 0867	23.31	OF	FMD		
ETH/2011/00045	1	WRL 0867	32.58	OF	FMD		
	2	WRL 0867	31.9	OF	FMD		
ETH/2011/00046	1	WRL 0867	27.26	OF	FMD		
	2	WRL 0867	27.36	OF	FMD		
ETH/2011/00047	1	WRL 0867	28.79	OF	FMD		
	2	WRL 0867	28.85	OF	FMD		
ETH/2011/00048	1	WRL 0867	31.78	OF	FMD		
	2	WRL 0867	31.63	OF	FMD		
ETH/2011/00049	1	WRL 0867	23.92	OF	FMD		
	2	WRL 0867	23.21	OF	FMD		
ETH/2011/00050	1	WRL 0867	25.45	OF	FMD		
	2	WRL 0867	25.94	OF	FMD		
ETH/2011/00051	1	WRL 0867	27.47	OF	FMD		
	2	WRL 0867	27.15	OF	FMD		
ETH/2011/00052	1	WRL 0867	31.64	OF	FMD		
	2	WRL 0867	31.1	OF	FMD		
ETH/2011/00053	1	WRL 0868	28.25	OF	FMD		
	2	WRL 0868	28.2	OF	FMD		
ETH/2011/00054	1	WRL 0868	26.37	OF	FMD		
	2	WRL 0868	26.35	OF	FMD		
ETH/2011/00055	1	WRL 0868	24.94	OF	FMD		
	2	WRL 0868	25.39	OF	FMD		
ETH/2011/00056	1	WRL 0868	25.63	OF	FMD		
	2	WRL 0868	25.61	OF	FMD		
ETH/2011/00057	1	WRL 0868	24.53	OF	FMD		
	2	WRL 0868	25.06	OF	FMD		
ETH/2011/00058	1	WRL 0868	24.68	OF	FMD		
	2	WRL 0868	24.76	OF	FMD		
ETH/2011/00059	1	WRL 0868	26.18	OF	FMD		
	2	WRL 0868	25.76	OF	FMD		
ETH/2011/00060	1	WRL 0868	50	OF	FMD		
	2	WRL 0868	50	OF	FMD		
ETH/2011/00061	1	WRL 0868	32.54	OF	FMD		
	2	WRL 0868	32.37	OF	FMD		
ETH/2011/00062	1	WRL 0868	26.02	OF	FMD		
	2	WRL 0868	26.55	OF	FMD		

ETH/2011/00063	1	WRL 0868	27.04	OF	FMD		
	2	WRL 0868	26.09	OF	FMD		
ETH/2011/00064	1	WRL 0868	30.6	OF	FMD		
	2	WRL 0868	30.7	OF	FMD		

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Date 15/02/2012

FMD DETECTION AND SEROTYPING FULL RESULTS

BATCH NUMBER - WRLFMD/2012/00006 DATE RECEIVED AT SITE - 03/02/2012 FROM ETHIOPIA

SENDER DETAILS [REDACTED]

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
ET 02/2012	ETH 29/2011	PIG, fluid/cell culture/bhk Collected 15/07/2011		O	O		24.96, 25.59	O
ET 04/2012	ETH 30/2011	PIG, fluid/cell culture/bhk Collected 15/07/2011		-ve	-ve		29.63, 50	FMDV GD
ET 01/2011	ETH 31/2011	PIG, fluid/cell culture/bhk Collected 29/07/2011		-ve	-ve		32.79, 33.48	NVD
ET 03/2012	ETH 32/2011	PIG, fluid/cell culture/bhk Collected 29/07/2011		O	O		19.73, 19.73	O
ET 05/2012	ETH 33/2011	PIG, fluid/cell culture/bhk Collected 29/07/2011		-ve	-ve		50, 31.94	FMDV GD
ET 06/2011	ETH 34/2011	CATTLE, fluid/cell culture/bhk Collected 29/07/2011		O			27.7, 27.38	O

NVD - No Virus Detected
WRLFMD/2012/00006

POS - FMDV Genome Detected
IAHB/2012/00135

NEG - No FMDV Genome Detected
15 February 2012

FMDVGD - FMDV Genome Detected

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Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
ET 34/2012	ETH 35/2011	CATTLE, fluid/cell culture/bhk Collected 19/09/2011		-ve			27.56, 28.29	FMDV GD
ET 35/2012	ETH 36/2011	CATTLE, fluid/cell culture/bhk Collected 19/09/2011		-ve			50, 26.47	FMDV GD
ET 36/2012	ETH 37/2011	CATTLE, fluid/cell culture/bhk Collected 19/09/2011		-ve			27.85, 27.93	FMDV GD
ET 12/2012	ETH 38/2011	CATTLE, fluid/cell culture/bhk Collected 04/10/2011			O		25.93, 50	O
ET 13/2012	ETH 39/2011	CATTLE, fluid/cell culture/bhk Collected 04/10/2011		-ve			35.21, 50	NVD
ET 25 2012	ETH 40/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		-ve			21.39, 50	FMDV GD
ET 26 2012	ETH 41/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		-ve			26.24, 26.29	FMDV GD
ET 27 2012	ETH 42/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011			O		25.52, 26.69	O
ET 28 2012	ETH 43/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		-ve			29.72 32.44	32.77, 32.14 NVD FMDV GD

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
ET 29/2012	ETH 44/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		-ve		23.39, 23.31	FMDV GD
ET 30/2012	ETH 45/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		O		32.58, 31.9	O
ET 31/2012	ETH 46/2011	CATTLE, fluid/cell culture/bhk Collected 08/10/2011		O		27.26, 27.36	O
ET 07/2012	ETH 47/2011	CATTLE, fluid/cell culture/bhk Collected 14/10/2011		-ve		28.79, 28.85	FMDV GD
ET 08/2012	ETH 48/2011	CATTLE, fluid/cell culture/bhk Collected 14/10/2011		O		31.78, 31.63	O
ET 09/2012	ETH 49/2011	CATTLE, fluid/cell culture/bhk Collected 14/10/2011		O		23.92, 23.21	O
ET 10/2012	ETH 50/2011	CATTLE, fluid/cell culture/bhk Collected 14/10/2011		O		25.45, 25.94	O
ET 11/2012	ETH 51/2011	CATTLE, fluid/cell culture/bhk Collected 14/10/2011		O		27.47, 27.15	O
ET 22/2012	ETH 52/2011	CATTLE, fluid/cell culture/bhk Collected 25/11/2011		-ve		31.64, 31.1	FMDV GD

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

WRLFMD/2012/00006

IAHB/2012/00135

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Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA			PCR Result	Final Result
				BTY	RS	Other		
ET 23/ 2012	ETH 53/2011	CATTLE, fluid/cell culture/bhk Collected 25/11/2011		-ve			28.25, 28.2	FMDV GD
ET 32/ 2012	ETH 54/2011	CATTLE, fluid/cell culture/bhk Collected 25/11/2011		-ve			26.37, 26.35	FMDV GD
ET 33/ 2012	ETH 55/2011	CATTLE, fluid/cell culture/bhk Collected 25/11/2011		-ve			24.94, 25.39	FMDV GD
ET 14/ 2012	ETH 56/2011	CATTLE, fluid/cell culture/bhk Collected 29/11/2011		-ve			25.63, 25.61	FMDV GD
ET 15/ 2012	ETH 57/2011	CATTLE, fluid/cell culture/bhk Collected 29/11/2011		-ve			24.53, 25.06	FMDV GD
ET 16/ 2012	ETH 58/2011	CATTLE, fluid/cell culture/bhk Collected 29/11/2011		-ve			24.68, 24.76	FMDV GD
ET 17/ 2012	ETH 59/2011	CATTLE, fluid/cell culture/bhk Collected 29/11/2011		O			26.18, 25.76	O
ET 18/ 2012	ETH 60/2011	CATTLE, fluid/cell culture/bhk Collected 29/11/2011		-ve			50, 50	NVD
ET 19/ 2012	ETH 61/2011	CATTLE, fluid/cell culture/bhk Collected 01/12/2011		-ve			32.54, 32.37	NVD

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

WRLFMD/2012/00006

IAHB/2012/00135

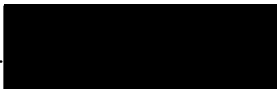
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Your Reference	WRL Reference	Description of Sample	Direct Antigen		Cell Culture / ELISA		PCR Result	Final Result
			ELISA	Other	BTY	RS		
ET 20/ 2012	ETH 62/2011	CATTLE, fluid/cell culture/bhk Collected 01/12/2011			-ve		26.02, 26.55	FMDV GD
ET 21/ 2012	ETH 63/2011	CATTLE, fluid/cell culture/bhk Collected 01/12/2011			-ve		27.04, 26.09	FMDV GD
ET 24/ 2012	ETH 64/2011	CATTLE, fluid/cell culture/bhk Collected 01/12/2011			-ve		30.6, 30.7	FMDV GD

Validated by



Date 15/02/2012