

FMD Detection And Serotyping Results Report

INSTITUTE FOR ANIMAL HEALTH
Director: Professor Martin W. Shirley, PhD

Lab Reference WRL Batch Number: WRLFMD/2009/00053

Sender
Details:



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Date Received: 27/11/2009 Country Of Origin: BANGLADESH

Date Tests Completed: 22/12/2009

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
118	BAN 1/2009	CATTLE, epithelium/mouth/tongue, Collected 07/09/2009	POS	O
119	BAN 2/2009	CATTLE, epithelium/mouth/tongue, Collected 07/09/2009	POS	O
120	BAN 3/2009	CATTLE, epithelium/foot, Collected 07/09/2009	POS	O
121	BAN 4/2009	CATTLE, epithelium/mouth/tongue, Collected 07/09/2009	POS	O
122	BAN 5/2009	CATTLE, epithelium/foot, Collected 07/09/2009	POS	O
136	BAN 6/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
137	BAN 7/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
138	BAN 8/2009	CATTLE, epithelium/foot, Collected 16/09/2009	POS	NVD
139	BAN 9/2009	CATTLE, epithelium/foot, Collected 16/09/2009	POS	O
140	BAN 10/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
141	BAN 11/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	O
142	BAN 12/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
143	BAN 13/2009	CATTLE, epithelium/foot, Collected 16/09/2009	POS	NVD
144	BAN 14/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
145	BAN 15/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
146	BAN 16/2009	CATTLE, epithelium/foot, Collected 16/09/2009	POS	NVD
149	BAN 17/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
150	BAN 18/2009	CATTLE, epithelium/mouth/tongue, Collected 16/09/2009	POS	NVD
170 (A)	BAN 19/2009	CATTLE, epithelium/foot, Collected 01/10/2009	NEG	NVD
170 (B)	BAN 20/2009	CATTLE, epithelium/mouth/tongue, Collected 01/10/2009	POS	O
170 (C)	BAN 21/2009	CATTLE, epithelium/mouth/tongue, Collected 01/10/2009	POS	NVD
170 (D)	BAN 22/2009	CATTLE, epithelium/foot, Collected 01/10/2009	POS	O
170 (E)	BAN 23/2009	CATTLE, epithelium/foot, Collected 01/10/2009	POS	O
211 (A)	BAN 24/2009	CATTLE, epithelium/foot, Collected 22/10/2009	POS	O

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FMD Detection And Serotyping Results

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WRL Batch: WRLFMD/2009/0005 IAH Batch: IAHB/2009/02178

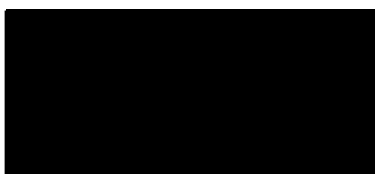
Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
211 (B)	BAN 25/2009	CATTLE, epithelium/mouth/tongue, Collected 22/10/2009	POS	O
211 (C)	BAN 26/2009	CATTLE, epithelium/foot, Collected 22/10/2009	POS	NVD
211 (D)	BAN 27/2009	CATTLE, epithelium/mouth/tongue, Collected 22/10/2009	NEG	O
211 (E)	BAN 28/2009	CATTLE, epithelium/foot, Collected 22/10/2009	POS	O
211 (F)	BAN 29/2009	CATTLE, epithelium/mouth/tongue, Collected 22/10/2009	POS	O
211 (G)	BAN 30/2009	CATTLE, epithelium/mouth/tongue, Collected 22/10/2009	POS	O
211 (H)	BAN 31/2009	CATTLE, epithelium/mouth/tongue, Collected 22/10/2009	POS	O

Results approved by:

Signed



Official stamp:



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)

Date: 4 / 1 / 2010

c.c.: Dr D Paton, Dr J Hammond, Dr D King, Dr N Ferris, Mr G Hutchings, Mr B Statham, Ms J Stoner, Dr Y Li, Dr K Sumption, Dr. Lubroth, Mr J Pinto OIE Animal Health Information, Regional OIE Delegate

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)

LAB DATA VALIDATION REPORT

LAB DATA AND TESTS FOR BATCH - WRLFMD/2009/00053

GENERAL LAB DATA

WRL REF NUMBER	DATE RECEIVED	WEIGHT IN GRAMS	PH	STORED AMOUNT	DATE STORED	RT-PCR	INTERIM RESULT	FINAL RESULT	DATE VALIDATED	VALIDATED BY
BAN/2009/00001	27/11/2009	0.432	7.4	1	27/11/2009	POSITIVE		O		
BAN/2009/00002	27/11/2009	0.417	6.8	1	27/11/2009	POSITIVE		O		
BAN/2009/00003	27/11/2009	0.17	7.4	1	27/11/2009	POSITIVE		O		
BAN/2009/00004	27/11/2009	0.001	6	1	27/11/2009	POSITIVE		O		
BAN/2009/00005	27/11/2009	0.248	6	1	27/11/2009	POSITIVE		O		
BAN/2009/00006	27/11/2009	0.001	7	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00007	27/11/2009	0.001	6.8	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00008	27/11/2009	0.178	6	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00009	27/11/2009	0.185	7.2	1	27/11/2009	POSITIVE		O		
BAN/2009/00010	27/11/2009	0.165	7	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00011	27/11/2009	0.394	7	1	27/11/2009	POSITIVE		O		
BAN/2009/00012	27/11/2009	0.309	7.4	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00013	27/11/2009	0.326	6	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00014	27/11/2009	0.158	6.8	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00015	27/11/2009	0.278	6.8	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00016	27/11/2009	0.186	7.4	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00017	27/11/2009	0.287	7	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00018	27/11/2009	0.242	6	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00019	27/11/2009	0.001	6	1	27/11/2009	NEGATIVE		NVD		
BAN/2009/00020	27/11/2009	0.289	7.4	1	27/11/2009	POSITIVE		O		
BAN/2009/00021	27/11/2009	0.294	5	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00022	27/11/2009	0.479	6.8	1	27/11/2009	POSITIVE		O		
BAN/2009/00023	27/11/2009	0.134	7.2	1	27/11/2009	POSITIVE		O		
BAN/2009/00024	27/11/2009	1.053	5	1	27/11/2009	POSITIVE		O		
BAN/2009/00025	27/11/2009	1.216	7	1	27/11/2009	POSITIVE		O		
BAN/2009/00026	27/11/2009	0.282	6	1	27/11/2009	POSITIVE		FMDV GD		
BAN/2009/00027	27/11/2009	0.001	7.4	1	27/11/2009	NEGATIVE		O		
BAN/2009/00028	27/11/2009	0.217	7.2	1	27/11/2009	POSITIVE		O		
BAN/2009/00029	27/11/2009	0.001	7.2	1	27/11/2009	POSITIVE		O		
BAN/2009/00030	27/11/2009	0.415	7.2	1	27/11/2009	POSITIVE		O		
BAN/2009/00031	27/11/2009	0.474	7.2	1	27/11/2009	POSITIVE		O		

ELISA TEST DATA

WRL REF NO	TEST TYPE	ATTEMPT	HOUR	SEROTYPE	RESULTS	NEGATIVE	DATE VALIDATED	VALIDATED BY
BAN/2009/00001	BTY1	1	24	O	0.93	NO		
	OS	1	0	O	0.28	NO		
BAN/2009/00002	BTY1	1	24	O	1.1	NO		
	OS	1	0	O	0.15	NO		
	RS1	1	48	O	0.56	NO		
BAN/2009/00003	BTY1	1	24	O	1.47	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	48	O	1.45	NO		
BAN/2009/00004	BTY1	1	48	O	1.08	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	72	O	1.03	NO		
BAN/2009/00005	BTY1	1	24	O	1.04	NO		
	OS	1	0	NEG	-0.9	YES		

	RS1	1	48	O	1.09	NO		
BAN/2009/00006	OS	1	0	NEG	-0.9	YES		
BAN/2009/00007	OS	1	0	NEG	-0.9	YES		
BAN/2009/00008	OS	1	0	NEG	-0.9	YES		
BAN/2009/00009	BTY1	1	48	O	1.44	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	48	O	1.54	NO		
BAN/2009/00010	OS	1	0	NEG	-0.9	YES		
BAN/2009/00011	BTY1	1	24	O	0.98	NO		
	OS	1	0	O	0.14	NO		
	RS1	1	72	O	0.35	NO		
BAN/2009/00012	OS	1	0	NEG	-0.9	YES		
BAN/2009/00013	OS	1	0	NEG	-0.9	YES		
BAN/2009/00014	OS	1	0	NEG	-0.9	YES		
BAN/2009/00015	OS	1	0	NEG	-0.9	YES		
BAN/2009/00016	OS	1	0	NEG	-0.9	YES		
BAN/2009/00017	OS	1	0	NEG	-0.9	YES		
BAN/2009/00018	OS	1	0	NEG	-0.9	YES		
BAN/2009/00019	OS	1	0	NEG	-0.9	YES		
BAN/2009/00020	OS	1	0	NEG	-0.9	YES		
	RS2	1	24	O	1.57	NO		
BAN/2009/00021	OS	1	0	NEG	-0.9	YES		
BAN/2009/00022	OS	1	0	O	0.16	NO		
BAN/2009/00023	BTY1	1	48	O	0.7	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	72	O	1.47	NO		
BAN/2009/00024	BTY1	1	48	O	1.03	NO		
	OS	1	0	O	0.23	NO		
BAN/2009/00025	BTY1	1	48	O	1.52	NO		
	OS	1	0	NEG	-0.9	YES		
BAN/2009/00026	BTY1	1	48	NEG	-0.9	YES		
	OS	1	0	NEG	-0.9	YES		
BAN/2009/00027	BTY1	1	48	O	1.25	NO		
	OS	1	0	NEG	-0.9	YES		
BAN/2009/00028	BTY1	1	24	O	1.72	NO		
	OS	1	0	O	0.31	NO		
	RS1	1	48	O	1.44	NO		
BAN/2009/00029	BTY1	1	24	O	0.88	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	48	O	1.19	NO		
BAN/2009/00030	BTY1	1	24	O	0.95	NO		
	OS	1	0	NEG	-0.9	YES		
	RS1	1	48	O	0.95	NO		
BAN/2009/00031	BTY1	1	24	O	1.15	NO		
	OS	1	0	O	0.34	NO		

TISSUE CULTURE TEST DATA

WRL REF NUMBER	TC TEST TYPE	ATTEMPT NUMBER	HOUR NUMBER OF TUBES	READING	DATE READ	DATE VALIDATED	VALIDATED BY
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BAN/2009/00001	BTY1	1	24	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
BAN/2009/00002	BTY1	1	24	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	VE?		
	RS1	1	72	5	?		
BAN/2009/00003	BTY1	1	24	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	+		
BAN/2009/00004	BTY1	1	24	5	-		
	BTY1	1	48	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	+		
BAN/2009/00005	BTY1	1	24	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	+		
	RS1	1	72	5	+		
BAN/2009/00006	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00007	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00008	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00009	BTY1	1	24	5	VE		
	BTY1	1	48	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	+		
BAN/2009/00010	BTY1	1	24	5	-		

	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00011	BTY1	1	24	5	+		
	RS1	1	24	5	VE?		
	RS1	1	48	5	?		
	RS1	1	72	5	?		
BAN/2009/00012	BTY1	1	24	5	?		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00013	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00014	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00015	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00016	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		

	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00017	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00018	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00019	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00020	BTY1	1	24	5	-		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	1	?		
	RS2	1	24	5	+		
BAN/2009/00021	BTY1	1	24	5	VE?		
	BTY1	1	48	5	-		
	BTY1	1	72	5	-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00022	BTY1	1	24	5	-		
	BTY1	1	48	5	-		

	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	BTY2	1	72	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
	RS2	1	72	5	-		
BAN/2009/00023	BTY1	1	24	4	VE		
	BTY1	1	48	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	1	+		
	RS1	1	96	1	+		
BAN/2009/00024	BTY1	1	24	5	E		
	BTY1	1	48	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
BAN/2009/00025	BTY1	1	24	5	E		
	BTY1	1	48	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
BAN/2009/00026	BTY1	1	24	3	VE		
	BTY1	1	48	5	?-		
	BTY2	1	24	5	-		
	BTY2	1	48	5	-		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
	RS2	1	24	5	-		
	RS2	1	48	5	-		
BAN/2009/00027	BTY1	1	24	5	-		
	BTY1	1	48	3	+		
	BTY1	1	72	1	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		
BAN/2009/00028	BTY1	1	24	5	+		
	RS1	1	24	5	VVE		
	RS1	1	48	5	+		
BAN/2009/00029	BTY1	1	24	5	+		
	RS1	1	24	5	VVE		
	RS1	1	48	5	+		
BAN/2009/00030	BTY1	1	24	5	+		
	RS1	1	24	5	VVE		
	RS1	1	48	5	+		
BAN/2009/00031	BTY1	1	24	5	+		
	RS1	1	24	5	-		
	RS1	1	48	5	-		
	RS1	1	72	5	-		

CT VALUES

WRL REF NUMBER	TEST NUMBER	WRL TEST REF	CT VALUE	CT MATERIAL	CT VIRUS	DATE VALIDATED	VALIDATED BY
BAN/2009/00001	1	WRL 0458	15.78	OS	FMD		
	2	WRL 0458	15.74	OS	FMD		
BAN/2009/00002	1	WRL 0458	16.95	OS	FMD		
	2	WRL 0458	16.63	OS	FMD		
BAN/2009/00003	1	WRL 0458	19.18	OS	FMD		
	2	WRL 0458	19.03	OS	FMD		
BAN/2009/00004	1	WRL 0458	22.13	OS	FMD		
	2	WRL 0458	22.15	OS	FMD		
BAN/2009/00005	1	WRL 0458	19.43	OS	FMD		
	2	WRL 0458	19.4	OS	FMD		
BAN/2009/00006	1	WRL 0458	27.45	OS	FMD		
	2	WRL 0458	26.89	OS	FMD		
BAN/2009/00007	1	WRL 0460	30.28	OS	FMD		
	2	WRL 0460	29.83	OS	FMD		
BAN/2009/00008	1	WRL 0460	25.35	OS	FMD		
	2	WRL 0460	25.02	OS	FMD		
BAN/2009/00009	1	WRL 0460	23.13	OS	FMD		
	2	WRL 0460	22.75	OS	FMD		
BAN/2009/00010	1	WRL 0460	25.9	OS	FMD		
	2	WRL 0460	25.46	OS	FMD		
BAN/2009/00011	1	WRL 0460	19.96	OS	FMD		
	2	WRL 0460	18.76	OS	FMD		
BAN/2009/00012	1	WRL 0460	23.91	OS	FMD		
	2	WRL 0458	23.96	OS	FMD		
BAN/2009/00013	1	WRL 0460	24.42	OS	FMD		
	2	WRL 0460	24.43	OS	FMD		
BAN/2009/00014	1	WRL 0460	30.89	OS	FMD		
	2	WRL 0460	30.21	OS	FMD		
BAN/2009/00015	1	WRL 0460	26.34	OS	FMD		
	2	WRL 0460	26.9	OS	FMD		
BAN/2009/00016	1	WRL 0460	26.65	OS	FMD		
	2	WRL 0460	27.16	OS	FMD		
BAN/2009/00017	1	WRL 0460	23.19	OS	FMD		
	2	WRL 0460	23.05	OS	FMD		
BAN/2009/00018	1	WRL 0460	26.97	OS	FMD		
	2	WRL 0460	26.89	OS	FMD		
BAN/2009/00019	1	WRL 0460	38.68	OS	FMD		
	2	WRL 0460	50	OS	FMD		
BAN/2009/00020	1	WRL 0461	27.33	OS	FMD		
	2	WRL 0461	27.59	OS	FMD		
BAN/2009/00021	1	WRL 0461	23.17	OS	FMD		
	2	WRL 0461	23.08	OS	FMD		
BAN/2009/00022	1	WRL 0461	20.76	OS	FMD		
	2	WRL 0461	20.86	OS	FMD		
BAN/2009/00023	1	WRL 0461	23.35	OS	FMD		
	2	WRL 0461	22.92	OS	FMD		
BAN/2009/00024	1	WRL 0461	16.86	OS	FMD		
	2	WRL 0461	16.71	OS	FMD		
BAN/2009/00025	1	WRL 0461	24.38	OS	FMD		
	2	WRL 0461	24.3	OS	FMD		
BAN/2009/00026	1	WRL 0461	20.93	OS	FMD		
	2	WRL 0461	21.44	OS	FMD		

0460

BAN/2009/00027	1	WRL 0461	36.46	OS	FMD		
	2	WRL 0461	35.77	OS	FMD		
BAN/2009/00028	1	WRL 0461	18.13	OS	FMD		
	2	WRL 0461	15.82	OS	FMD		
BAN/2009/00029	1	WRL 0461	19.8	OS	FMD		
	2	WRL 0461	19.59	OS	FMD		
BAN/2009/00030	1	WRL 0461	20.8	OS	FMD		
	2	WRL 0461	20.12	OS	FMD		
BAN/2009/00031	1	WRL 0461	15.81	OS	FMD		
	2	WRL 0461	14.26	OS	FMD		

Validated by 

Date 22/12/09

FMD DETECTION AND SEROTYPING FULL RESULTS

BATCH NUMBER - WRLFMD/2009/00053 DATE RECEIVED AT SITE - 27/11/2009 FROM BANGLADESH

SENDER DETAILS [REDACTED]

REF. NO CB14/FMD-1/2005/140, 25th Nov 2009

Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA BTY	ELISA RS	Other	PCR Result	Final Result
118	BAN 1/2009	CATTLE, epithelium/mouth/tongue Collected 07/09/2009	O	O	-ve		15.78, 15.74	O
119	BAN 2/2009	CATTLE, epithelium/mouth/tongue Collected 07/09/2009	O	O	O		16.95, 16.63	O
120	BAN 3/2009	CATTLE, epithelium/foot Collected 07/09/2009	NEG	O	O		19.18, 19.03	O
121	BAN 4/2009	CATTLE, epithelium/mouth/tongue Collected 07/09/2009	NEG	O	O		22.13, 22.15	O
122	BAN 5/2009	CATTLE, epithelium/foot Collected 07/09/2009	NEG	O	O		19.43, 19.4	O
136	BAN 6/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		27.45, 26.89	FMDV GD

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

WRLFMD/2009/00053

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Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA BTY	RS	Other	PCR Result	Final Result
137	BAN 7/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		30.28, 29.83	FMDV GD
138	BAN 8/2009	CATTLE, epithelium/foot Collected 16/09/2009	NEG	-ve	-ve		25.35, 25.02	FMDV GD
139	BAN 9/2009	CATTLE, epithelium/foot Collected 16/09/2009	NEG	O	O		23.13, 22.75	O
140	BAN 10/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		25.9, 25.46	FMDV GD
141	BAN 11/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	O	O	O		19.96, 18.76	O
142	BAN 12/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		23.91, 23.96	FMDV GD
143	BAN 13/2009	CATTLE, epithelium/foot Collected 16/09/2009	NEG	-ve	-ve		24.42, 24.43	FMDV GD
144	BAN 14/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		30.89, 30.21	FMDV GD
145	BAN 15/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		26.34, 26.9	FMDV GD

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected 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		
146	BAN 16/2009	CATTLE, epithelium/foot Collected 16/09/2009	NEG	-ve	-ve		26.65, 27.16	FMDV GD
149	BAN 17/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		23.19, 23.05	FMDV GD
150	BAN 18/2009	CATTLE, epithelium/mouth/tongue Collected 16/09/2009	NEG	-ve	-ve		26.97, 26.89	FMDV GD
170 (A)	BAN 19/2009	CATTLE, epithelium/foot Collected 01/10/2009	NEG	-ve	-ve		38.68, 50	NVD
170 (B)	BAN 20/2009	CATTLE, epithelium/mouth/tongue Collected 01/10/2009	NEG	-ve	O		27.33, 27.59	O
170 (C)	BAN 21/2009	CATTLE, epithelium/mouth/tongue Collected 01/10/2009	NEG	-ve	-ve		23.17, 23.08	FMDV GD
170 (D)	BAN 22/2009	CATTLE, epithelium/foot Collected 01/10/2009	O	-ve	-ve		20.76, 20.86	O
170 (E)	BAN 23/2009	CATTLE, epithelium/foot Collected 01/10/2009	NEG	O	O		23.35, 22.92	O
211 (A)	BAN 24/2009	CATTLE, epithelium/foot Collected 22/10/2009	O	O	-ve		16.86, 16.71	O

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

WRLFMD/2009/00053

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Your Reference	WRL Reference	Description of Sample	Direct Antigen ELISA	Cell Culture / ELISA BTY	ELISA RS	Other	PCR Result	Final Result
211 (B)	BAN 25/2009	CATTLE, epithelium/mouth/tongue Collected 22/10/2009	NEG	O	-ve		24.38, 24.3	O
211 (C)	BAN 26/2009	CATTLE, epithelium/foot Collected 22/10/2009	NEG	NEG	-ve		20.93, 21.44	FMDV GD
211 (D)	BAN 27/2009	CATTLE, epithelium/mouth/tongue Collected 22/10/2009	NEG	O	-ve		36.46, 35.77	O
211 (E)	BAN 28/2009	CATTLE, epithelium/foot Collected 22/10/2009	O	O	O		16.13, 15.92	O
211 (F)	BAN 29/2009	CATTLE, epithelium/mouth/tongue Collected 22/10/2009	NEG	O	O		19.8, 19.59	O
211 (G)	BAN 30/2009	CATTLE, epithelium/mouth/tongue Collected 22/10/2009	NEG	O	O		20.8, 20.12	O
211 (H)	BAN 31/2009	CATTLE, epithelium/mouth/tongue Collected 22/10/2009	O	O	-ve		15.81, 14.26	O

Validated [REDACTED]

Date 22/10/09

NVD - No Virus Detected POS - FMDV Genome Detected NEG - No FMDV Genome Detected FMDV(GI) - FMDV Genome Detected

WRL/FMD/2009/00053

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