

FMD Detection And Serotyping Results Report

Lab Reference WRL Batch Number: WRLFMD/2010/00024

Sender

Details:

INSTITUTE FOR ANIMAL HEALTH

Director: Professor Martin W. Shirley, PhD

PIRBRIGHT LABORATORY

Ash Road, Pirbright,

Surrey GU24 0NF

Intn Tel: 00 44 1483 232441

Tel: 01483 232441 Fax: 01483

Date Received: 26/05/2010 Country Of Origin: IRAN

Date Tests Completed: 19/07/2010

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-53	IRN 56/2010	GOAT, epithelium, Collected 27/03/2010	POS	NVD
IR-89-99	IRN 57/2010	CATTLE, epithelium, Collected 22/03/2010	POS	NVD
IR-89-57	IRN 58/2010	CATTLE, epithelium, Collected 25/03/2010	POS	NVD
IR-89-111	IRN 59/2010	SHEEP, heart + epithelium, Collected 27/03/2010	POS	O
IR-89-91	IRN 60/2010	SHEEP, epithelium, Collected 01/04/2010	POS	O
IR-89-87	IRN 61/2010	CATTLE, epithelium, Collected 02/04/2010	POS	O
IR-89-100	IRN 62/2010	SHEEP, epithelium, Collected 03/04/2010	POS	O
IR-89-52	IRN 63/2010	CATTLE, epithelium, Collected 04/04/2010	POS	NVD
IR-89-117	IRN 64/2010	CATTLE, epithelium, Collected 04/04/2010	POS	O
IR-89-41	IRN 65/2010	CATTLE, epithelium, Collected 05/04/2010	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)

FMD Detection And Serotyping Results

Page 1 of 9

WRL Batch: WRLFMD/2010/00024 IAH Batch: IAHB/2010/00960

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-119	IRN 66/2010	CATTLE, epithelium, Collected 05/04/2010	POS	O
IR-89-120	IRN 67/2010	CATTLE, epithelium, Collected 05/04/2010	POS	O
IR-89-51	IRN 68/2010	CATTLE, epithelium, Collected 06/04/2010	POS	O
IR-89-118	IRN 69/2010	CATTLE, epithelium, Collected 06/04/2010	POS	O
IR-89-103	IRN 70/2010	GOAT, epithelium, Collected 07/04/2010	NEG	NVD
IR-89-122	IRN 71/2010	CATTLE, epithelium, Collected 08/04/2010	POS	O
IR-89-48	IRN 72/2010	GOAT, epithelium, Collected 09/04/2010	NEG	NVD
IR-89-96	IRN 73/2010	CATTLE, epithelium, Collected 09/04/2010	POS	A
IR-89-56	IRN 74/2010	SHEEP, epithelium, Collected 10/04/2010	POS	NVD
IR-89-66	IRN 75/2010	CATTLE, epithelium, Collected 10/04/2010	POS	O
IR-89-97	IRN 76/2010	CATTLE, epithelium, Collected 10/04/2010	POS	O
IR-89-98	IRN 77/2010	CATTLE, epithelium, Collected 10/04/2010	POS	NVD
IR-89-115	IRN 78/2010	CATTLE, epithelium, Collected 10/04/2010	POS	O
IR-89-116	IRN 79/2010	SHEEP, epithelium, Collected 10/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-90	IRN 80/2010	CATTLE, epithelium, Collected 11/04/2010	POS	A
IR-89-102	IRN 81/2010	CATTLE, epithelium, Collected 11/04/2010	POS	O
IR-89-38	IRN 82/2010	CATTLE, epithelium, Collected 12/04/2010	POS	O
IR-89-55	IRN 83/2010	CATTLE, epithelium, Collected 12/04/2010	POS	O
IR-89-80	IRN 84/2010	CATTLE, epithelium, Collected 12/04/2010	POS	NVD
IR-89-88	IRN 85/2010	CATTLE, epithelium, Collected 12/04/2010	POS	O
IR-89-65	IRN 86/2010	CATTLE, epithelium, Collected 13/04/2010	POS	O
IR-89-70	IRN 87/2010	SHEEP, heart, Collected 13/04/2010	POS	NVD
IR-89-114	IRN 88/2010	CATTLE, epithelium, Collected 13/04/2010	POS	O
IR-89-121	IRN 89/2010	SHEEP, epithelium, Collected 13/04/2010	POS	O
IR-89-36	IRN 90/2010	CATTLE, epithelium, Collected 14/04/2010	POS	O
IR-89-60	IRN 91/2010	CATTLE, epithelium, Collected 14/04/2010	POS	O
IR-89-72	IRN 92/2010	CATTLE, epithelium, Collected 14/04/2010	POS	O
IR-89-104	IRN 93/2010	CATTLE, epithelium, Collected 14/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-76	IRN 94/2010	CATTLE, epithelium, Collected 15/04/2010	POS	O
IR-89-107	IRN 95/2010	CATTLE, epithelium, Collected 15/04/2010	POS	O
IR-89-59	IRN 96/2010	CATTLE, epithelium, Collected 16/04/2010	POS	O
IR-89-71	IRN 97/2010	SHEEP, heart, Collected 16/04/2010	POS	O
IR-89-74	IRN 98/2010	CATTLE, epithelium, Collected 16/04/2010	POS	O
IR-89-42	IRN 99/2010	SHEEP, heart, Collected 17/04/2010	POS	O
IR-89-43	IRN 100/2010	CATTLE, epithelium, Collected 17/04/2010	POS	O
IR-89-64	IRN 101/2010	CATTLE, epithelium, Collected 17/04/2010	POS	O
IR-89-89	IRN 102/2010	SHEEP, heart, Collected 17/04/2010	POS	O
IR-89-101	IRN 103/2010	SHEEP, heart, Collected 17/04/2010	NEG	NVD
IR-89-105	IRN 104/2010	CATTLE, epithelium, Collected 17/04/2010	POS	O
IR-89-106	IRN 105/2010	CATTLE, epithelium, Collected 17/04/2010	POS	O
IR-89-124	IRN 106/2010	SHEEP, epithelium, Collected 17/04/2010	POS	O
IR-89-44	IRN 107/2010	CATTLE, epithelium, Collected 18/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-75	IRN 108/2010	CATTLE, epithelium, Collected 18/04/2010	POS	A
IR-89-39	IRN 109/2010	CATTLE, epithelium, Collected 19/04/2010	POS	O
IR-89-40	IRN 110/2010	CATTLE, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-45	IRN 111/2010	SHEEP, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-54	IRN 112/2010	CATTLE, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-58	IRN 113/2010	CATTLE, epithelium, Collected 19/04/2010	POS	O
IR-89-73	IRN 114/2010	SHEEP, epithelium, Collected 19/04/2010	POS	O
IR-89-78	IRN 115/2010	SHEEP, epithelium, Collected 19/04/2010	POS	O
IR-89-93	IRN 116/2010	SHEEP, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-108	IRN 117/2010	CATTLE, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-113	IRN 118/2010	SHEEP, epithelium, Collected 19/04/2010	NEG	NVD
IR-89-79	IRN 119/2010	CATTLE, epithelium, Collected 20/04/2010	POS	A
IR-89-95	IRN 120/2010	CATTLE, epithelium, Collected 20/04/2010	POS	O
IR-89-109	IRN 121/2010	CATTLE, heart, Collected 20/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-112	IRN 122/2010	CATTLE, epithelium, Collected 20/04/2010	NEG	NVD
IR-89-63	IRN 123/2010	CATTLE, epithelium, Collected 21/04/2010	POS	NVD
IR-89-82	IRN 124/2010	SHEEP, epithelium, Collected 21/04/2010	POS	O
IR-89-84	IRN 125/2010	CATTLE, epithelium, Collected 21/04/2010	POS	A
IR-89-94	IRN 126/2010	CATTLE, epithelium, Collected 21/04/2010	POS	O
IR-89-33	IRN 127/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-77	IRN 128/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-81	IRN 129/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-110	IRN 130/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-125	IRN 131/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-127	IRN 132/2010	CATTLE, epithelium, Collected 22/04/2010	POS	O
IR-89-67	IRN 133/2010	SHEEP, epithelium, Collected 23/04/2010	POS	O
IR-89-83	IRN 134/2010	CATTLE, epithelium, Collected 23/04/2010	POS	A
IR-89-34	IRN 135/2010	CATTLE, epithelium, Collected 24/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-35	IRN 136/2010	CATTLE, epithelium, Collected 24/04/2010	POS	O
IR-89-37	IRN 137/2010	CATTLE, epithelium, Collected 24/04/2010	POS	O
IR-89-67	IRN 138/2010	SHEEP, heart + epithelium, Collected 24/04/2010	POS	O
IR-89-29	IRN 139/2010	SHEEP, epithelium, Collected 25/04/2010	POS	O
IR-89-41	IRN 140/2010	CATTLE, epithelium, Collected 25/04/2010	POS	O
IR-89-123	IRN 141/2010	GOAT, epithelium, Collected 25/04/2010	POS	O
IR-89-30	IRN 142/2010	CATTLE, epithelium, Collected 26/04/2010	POS	O
IR-89-62	IRN 143/2010	SHEEP, heart, Collected 26/04/2010	POS	O
IR-89-68	IRN 144/2010	GOAT, epithelium, Collected 26/04/2010	POS	O
IR-89-69	IRN 145/2010	GOAT, epithelium, Collected 26/04/2010	NEG	NVD
IR-89-92	IRN 146/2010	CATTLE, epithelium, Collected 26/04/2010	POS	O
IR-89-130	IRN 147/2010	CATTLE, epithelium, Collected 26/04/2010	POS	O
IR-89-31	IRN 148/2010	SHEEP, epithelium, Collected 27/04/2010	POS	O
IR-89-32	IRN 149/2010	CATTLE, epithelium, Collected 27/04/2010	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)

Your Reference	WRL Reference	Description of Sample	PCR Result	Serotyping Result by Cell Culture/ELISA
IR-89-49	IRN 150/2010	CATTLE, epithelium, Collected 27/04/2010	POS	O
IR-89-50	IRN 151/2010	CATTLE, epithelium, Collected 27/04/2010	POS	A
IR-89-128	IRN 152/2010	SHEEP, epithelium, Collected 27/04/2010	NEG	NVD
IR-89-129	IRN 153/2010	SHEEP, epithelium, Collected 27/04/2010	POS	NVD
IR-89-85	IRN 154/2010	CATTLE, epithelium, Collected 30/04/2010	POS	O
IR-89-86	IRN 155/2010	CATTLE, epithelium, Collected 09/05/2010	POS	O
IR-89-126	IRN 156/2010	CATTLE, epithelium, Collected 09/05/2010	POS	O
IR-89-47	IRN 157/2010	CATTLE, epithelium, Collected 11/05/2010	POS	O
IR-89-146	IRN 158/2010	CATTLE, epithelium, Collected 13/05/2010	POS	O
IR-89-131	IRN 159/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	NVD
IR-89-132	IRN 160/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	O
IR-89-133	IRN 161/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	O
IR-89-134	IRN 162/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	O
IR-89-135	IRN 163/2010	NOT KNOWN, epithelium, Collected 01/01/2010	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
IR-89-136	IRN 164/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	NVD
IR-89-137	IRN 165/2010	NOT KNOWN, heart, Collected 01/01/2010	NEG	NVD
IR-89-138	IRN 166/2010	NOT KNOWN, heart, Collected 01/01/2010	POS	NVD
IR-89-139	IRN 167/2010	NOT KNOWN, epithelium, Collected 01/01/2010	POS	NVD
IR-89-140	IRN 168/2010	NOT KNOWN, heart, Collected 01/01/2010	NEG	NVD
IR-89-141	IRN 169/2010	NOT KNOWN, heart, Collected 01/01/2010	NEG	NVD
IR-89-142	IRN 170/2010	NOT KNOWN, heart, Collected 01/01/2010	POS	O
IR-89-143	IRN 171/2010	NOT KNOWN, heart, Collected 01/01/2010	NEG	NVD
IR-89-144	IRN 172/2010	NOT KNOWN, fluid, Collected 01/01/2010	POS	O
IR-89-145	IRN 173/2010	NOT KNOWN, fluid, Collected 01/01/2010	POS	O

Results approved by: [Redacted]

Signed: [Redacted]

Official stamp: [Redacted]

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.wilson@bbsrc.ac.uk)

Date: 19 / 7 / 2010