

FAX TRANSMISSION

TO: [REDACTED] **FROM:** [REDACTED]
Director, ARRIAH Head: WRL for FMD

DATE: 19.11.01 **FAX NO:** [REDACTED]

PAGES: 2 **RE:** Test results

Dear [REDACTED]

Thank you for submitting the 8 samples (sera and tissues) for FMD diagnosis. We have now completed the serotyping investigation with the results as attached.

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks
FMDV strain O (Abkhazia, 2000)	ABK 1/2000	Bovine BAK 3 GLYC	O	Direct antigen ELISA positive. Positive after passage in BTY and IB-RS-2 cells
FMDV strain Asia 1 (Georgia, 2000)	GRG 1/2000	Bovine PCGK ₁	O	Direct antigen ELISA positive. Positive after passage in BTY and IB-RS-2 cells
FMDV strain Asia 1 (Georgia, 2001)	GRG 1/2001	Bovine Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in BTY and IB-RS-2 cells
FMDV type O (Petrovski, Moscow 1995)	USS 1/95	Porcine Epithelium	O	Direct antigen ELISA positive. Negative after two passages in both BTY and IB-RS-2 cells.

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks
FMDV type O (Primorski, Russia 2000)	USS 1/2000	Porcine Epithelium	O	Direct antigen ELISA positive. Positive after one passage in BTY and IB-RS-2
FMDV type A (Amenia, 1998)	ARM 1/98	Bovine Epithelium	A	Direct antigen ELISA positive. Positive after one passage in BTY and IB-RS-2
FMDV type A (Kirghizia, 1999)	KRG 1/99	Bovine BAK 4 GLYC	A	Direct antigen ELISA positive. Positive after one passage in BTY and IB-RS-2
FMDV type O (Mongolia, 2000)	MOG 1/2000	Bovine PSGK3 GLYC	A	Direct antigen ELISA positive. Positive after one passage in BTY and IB-RS-2

There seems to be a discrepancy between some of our results and the descriptions for the samples that you gave us. The 2000 sample you sent us from Georgia (our reference GRG 1/2000) appears to be type O FMDV rather than type Asia 1. The Mongolian sample from 2000 (our reference MOG 1/2000) appears to be type A rather than type O. We have reconfirmed our results on these two samples by repeat assays, so I would be interested to know if you can think of any reason for this discrepancy?

Yours sincerely



Head: World Reference Laboratory for FMD