

Test Results of 60 samples received from Pakistan on 3rd November 2003

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks	PCR Result
HYD-61	PAK 22/2003	Mouth Epithelium	NVD***	Direct antigen ELISA negative. Negative after passage in both BTY* and IB-RS-2** cells.	**** +ve
PESM-15-Jamrud	PAK 23/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
PESM-16-Jamrud	PAK 24/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-17-Pabbi	PAK 25/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-18-Pabbi	PAK 26/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
HYD-59	PAK 27/2003	Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells	+ve
HYD-60	PAK 28/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
HYD-58	PAK 29/2003	Mouth Swab	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
HYD-62	PAK 30/2003	Mouth Scrapings	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
01 SARG 1	PAK 31/2003	Bovine Foot Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
02 SARG 1	PAK 32/2003	Bovine Foot Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
03 SARG 2	PAK 33/2003	Bovine Ruptured Mouth Lesion	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve

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04 SARG 2	PAK 34/2003	Bovine Ruptured Mouth Lesion	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
05 SUKK 1	PAK 35/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
06 SUKK 1	PAK 36/2003	Epithelium	NVD	Negative after passage in both BTY and IB-RS-2 cells.	-ve
07 SUKK 1	PAK 37/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
08 SUKK 1	PAK 38/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
09 SUKK 1	PAK 39/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	+ve
10 SUKK 1	PAK 40/2003	Epithelium	O	Direct antigen ELISA positive. Negative after passage in both BTY and IB-RS-2 cells.	+ve
11 SUKK 1	PAK 41/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
12 SUKK 1	PAK 42/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
13 SUKK 1	PAK 43/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
14 SUKK 1	PAK 44/2003	Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-19-LBDF	PAK 45/2003	Bovine Epithelium	O	Direct antigen ELISA negative. Positive after passage in both BTY and IB-RS-2 cells.	+ve
PESM-20-CBDF	PAK 46/2003	Bovine Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve

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PESM-21-CBDF	PAK 47/2003	Bovine Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve
KAR-BUFF-50	PAK 48/2003	Buffalo Epithelium	Asia 1	Direct antigen ELISA positive. Negative after passage in both BTY and IB-RS-2 cells.	+ve
KAR-BUFF-51	PAK 49/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
KAR-BUFF-52	PAK 50/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
KAR-BUFF-	PAK 51/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
KAR-BUFF-54	PAK 52/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
KAR-BUFF-55	PAK 53/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells	+ve
KAR-BUFF-56	PAK 54/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells	+ve
KAR-BUFF-57	PAK 55/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells	+ve
PESM-23-CVM	PAK 56/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-24-CVM	PAK 57/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-25-CVM	PAK 58/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-26-CVM	PAK 59/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks	PCR Result
PESM-27-CVM	PAK 60/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM-22-CBDF	PAK 61/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM 43	PAK 62/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
PESM 44	PAK 63/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
PESM 45	PAK 64/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
PESM 46	PAK 65/2003	Buffalo Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
RWP-28-FMD	PAK 66/2003	Buffalo Foot Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
PESM 47	PAK 67/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve
PESM 48	PAK 68/2003	Buffalo Epithelium	O	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve
RWP-COW-49	PAK 69/203	Bovine Tongue Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-58	PAK 70/2003	BHK Suspension	O	Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-59	PAK 71/2003	BHK Suspension	O	Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-60	PAK 72/2003	BHK Suspension	O	Positive after passage in both BTY and IB-RS-2 cells.	+vr
FMDRL-61	PAK 73/2003	BHK Suspension	O	Positive after passage in both BTY and IB-RS-2 cells.	+vr

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	Remarks	PCR Result
FMDRL-62	PAK 74/2003	BHK Suspension	O	Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-63	PAK 75/2003	BHK Suspension	O, A	Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-64	PAK 76/2003	Epithelium	Asia 1	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS-2 cells.	+ve
FMDRL-65	PAK 77/2003	Epithelium	A	Direct antigen ELISA positive. Positive after passage in BTY but not IB-RS-2 cells	+ve
FMDRL-66	PAK 78/2003	Epithelium	A	Direct antigen ELISA positive. Negative after passage in both BTY and IB-RS-2 cells.	+ve
SARG 67	PAK 79/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve
SARG 68	PAK 80/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	-ve
SARG 69	PAK 81/2003	Bovine Epithelium	NVD	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS-2 cells.	**** +ve

- * BTY: Primary bovine thyroid cells
** IB-RS-2: Continuous pig kidney cell line
*** NVD: No virus detected
**** PCR +ve Further tests will be carried out to determine the serotypes of these isolates.