

Test Results of seventy-six samples received from Yemen on 17th September 2004

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	PCR Result	Remarks
C2/04 2	YEM 1/2004	Epithelium	O	+ve	Direct antigen ELISA negative. Positive after passage in both BTY* and IB-RS2** cells
C8/04 1	YEM 2/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C8/04 2	YEM 3/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C466/04 3	YEM 4/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G13/04 18	YEM 5/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G13/04 19	YEM 6/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G23/04 8	YEM 7/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G23/04 14	YEM 8/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 2	YEM 9/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 3	YEM 10/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 5	YEM 11/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 6	YEM 12/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 7	YEM 13/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 8	YEM 14/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C27/04 10	YEM 15/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C27/04 11	YEM 16/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C28/04 7	YEM 17/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C28/04 12	YEM 18/2004	Swab	NVD	-ve	Negative after passage in BTY cells

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G28/04 2	YEM 19/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G28/04 9	YEM 20/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C296/04 4	YEM 21/2004	Epithelium	O	+ve	Direct antigen ELISA negative. Positive after passage in BTY cells
G132/04	YEM 22/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C127/04 1	YEM 23/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C191/04 1	YEM 24/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C205/04 5	YEM 25/2004	Epithelium	NVD	+ve****	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C205/04 6	YEM 26/2004	Epithelium	NVD	+ve****	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C220/04 2	YEM 27/2004	Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells
C229/04 2	YEM 28/2004	Swab	O	-ve	Positive after passage in BTY cells
C232/04 1	YEM 29/2004	Swab	NVD	-ve	Negative after passage in both BTY and IB-RS2 cells
C234/04 1	YEM 30/2004	Epithelium	NVD	+ve****	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C234/04 2	YEM 31/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in BTY cells
C234/04 3	YEM 32/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in BTY cells
C234/04 4	YEM 33/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in BTY cells
C234/04 5	YEM 34/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in BTY cells

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	PCR Result	Remarks
C242/04 1	YEM 35/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C252/04 1	YEM 36/2004	Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells
C253/04 1	YEM 37/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells
C254/04	YEM 38/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in BTY cells
G265/04	YEM 39/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C294/04 3	YEM 40/2004	Swab	O	+ve	Positive after passage in BTY cells
C301/04 2	YEM 41/2004	Swab	O	+ve	Positive after passage in BTY cells
C305/04	YEM 42/2004	Swab	NVD	+ve*****	Negative after passage in BTY cells
C306/04 5	YEM 43/2004	Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in BTY cells
C307/04 6	YEM 44/2004	Swab	O	+ve	Positive after passage in BTY cells
C328/04	YEM 45/2004	Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C332/04 5	YEM 46/2004	Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C332/04 16	YEM 47/2004	Epithelium	O	-ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C335/04 1	YEM 48/2004	Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells
S330/04 2	YEM 49/2004	Swab	NVD	-ve	Negative after passage in BTY cells

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	PCR Result	Remarks
S330/04 4	YEM 50/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C393/04 1	YEM 51/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C393/04 2	YEM 52/2004	Swab	O	-ve	Positive after passage in BTY cells
C393/04 1	YEM 53/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C394/04 2	YEM 54/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells
C396/04 4	YEM 55/2004	Swab	NVD	+ve****	Negative after passage in BTY cells
C396/04 5	YEM 56/2004	Swab	O	+ve	Positive after passage in BTY cells
C412/04 1	YEM 57/2004	Swab & Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in BTY cells
C414/04 1	YEM 58/2004	Gum Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in BTY cells
C415/04 1	YEM 59/2004	Gum Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in BTY cells
S416/04 1	YEM 60/2004	Gum Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in BTY cells
C435/04 1	YEM 61/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C436/04 1	YEM 62/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C458/04 2	YEM 63/2004	Epithelium	NVD	+ve	Direct antigen ELISA negative. Negative after passage in BTY cells
S462/04 2	YEM 64/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C452/04 5	YEM 65/2004	Epithelium	NVD	-ve	Direct antigen ELISA negative. Negative after passage in both BTY and IB-RS2 cells
C461/04 2	YEM 66/2004	Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells

Your Reference	WRL Reference	Description of Sample	Serotyping Result by ELISA	PCR Result	Remarks
C461/04 7	YEM 67/2004	Epithelium	O	+ve	Direct antigen ELISA positive. Positive after passage in both BTY and IB-RS2 cells
C475/04 1	YEM 68/2004	Swab	O	+ve	Positive after passage in BTY cells
C475/04 2	YEM 69/2004	Swab	O	+ve	Positive after passage in BTY cells
C487/04	YEM 70/2004	Swab	O	+ve	Positive after passage in BTY cells
C487/04 2	YEM 71/2004	Swab	O	+ve	Positive after passage in BTY cells
G488/04 1	YEM 72/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G488/04 2	YEM 73/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G488/04 3	YEM 74/2004	Swab	NVD	-ve	Negative after passage in BTY cells
G489/04 1	YEM 75/2004	Swab	NVD	-ve	Negative after passage in BTY cells
C428/04 3	YEM 76/2004	Epithelium	O	+ve	Direct antigen ELISA negative but positive after passage in both BTY and IB-RS2 cells

- * BTY: Primary bovine thyroid cells
- ** IB-RS-2: Continuous pig kidney cell line
- *** NVD: No virus detected
- **** Further work will be undertaken to try to determine the serotype.