HPV 16: GENE SEQUENCE OF HPV 16 (Seedorf et al 1985)

PHOTOGRAPH 1: EPPENDORF TUBES IN RACK DURING RNA EXTRACTION PROCESS
PHOTOGRAPH 2:
EPPENDORF TUBES DURING RNA EXTRACTION
PROCESS CONTAINING UPPER CLEAR AQUEOUS PHASE & LOWER RED PHENOL PHASE
GEL IMAGE 1:  BAND SIZES  A) MOLECULAR WEIGHT MARKER

B) SAMPLE
GEL IMAGE 2: RT-PCR PRODUCTS DEMONSTRATING

$E6/E6*I/E6*II$ GENES WITH S3/S4 PRIMERS

SAMPLES & CELL LINES

Anticipated band sizes: $E6$ – 525 bp $E6*I$ – 343bp $E6*II$ – 226bp
GEL IMAGE 3:  RT-PCR PRODUCTS OF SAMPLES & CELL-LINES WITH S3/S4 PRIMERS
GEL IMAGE 4: RT-PCR SHOWING SPECIMENS AND GAPDH AS CONTROL
GEL IMAGE 5: NESTED PCR PRODUCTS OF SAMPLES AND CELL-LINES USING S1/2 PRIMERS DEMONSTRATING

E6/E6*I/E6 GENES
GEL IMAGE 6: RT-PCR PRODUCTS OF CELL LINES AND CONTROLS INCLUDING NEGATIVE CONTROL
GEL IMAGE 7:

ABOVE: NESTED PCR PRODUCTS OF SAMPLES AND CELL LINES USING S1/2 PRIMERS.

BELOW: RT-PCR PRODUCTS USING S3/4 PRIMERS.
GEL IMAGE 8: NESTED RT-PCR PRODUCTS DEMONSTRATING

$E6/E6^*/E6^{*II}$ GENES WITH S1/S2 PRIMERS IN

SAMPLES & CELL- LINES (MWM= molecular weight marker)  (-) = negative cell line
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