

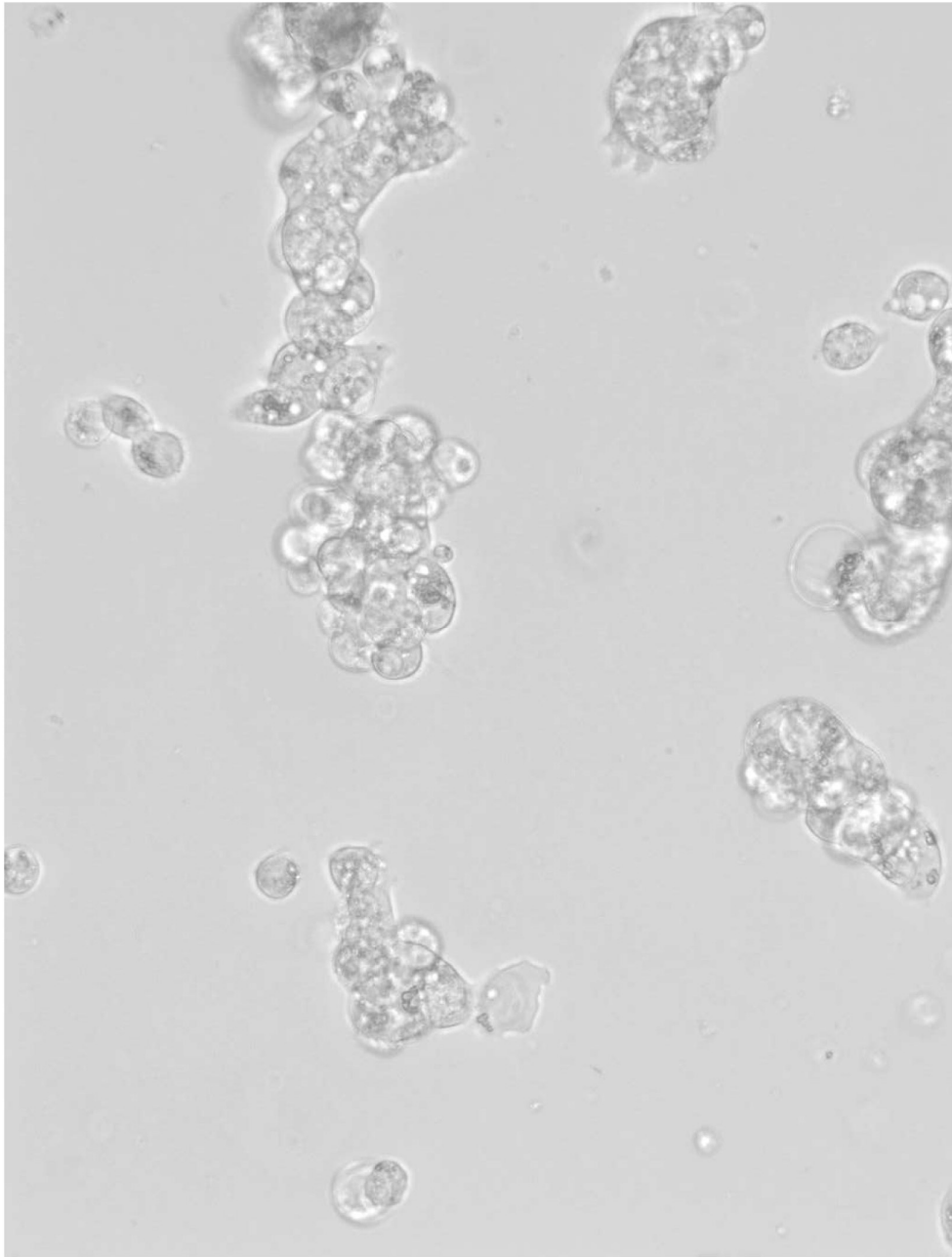


Figure 1A

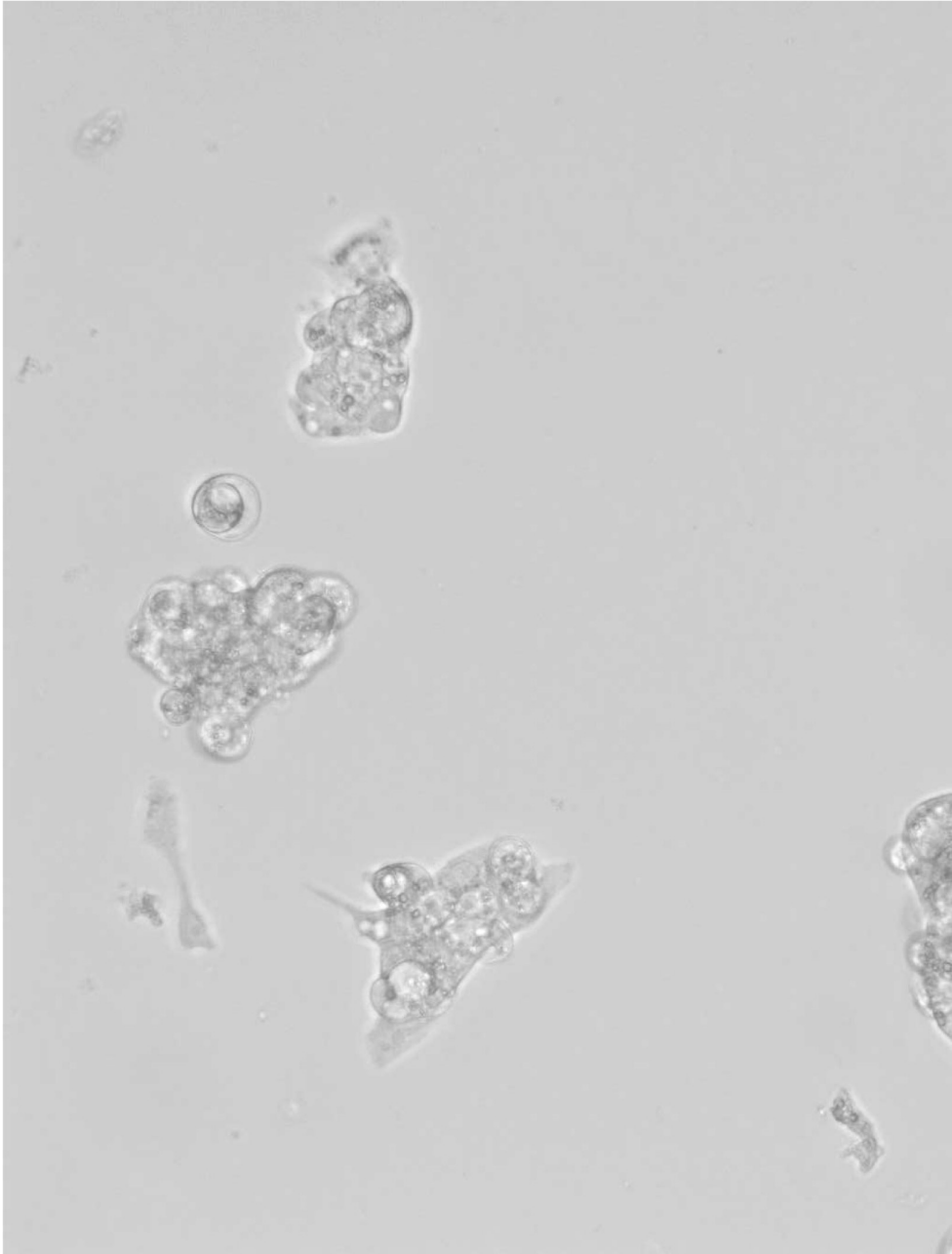


Figure 1B

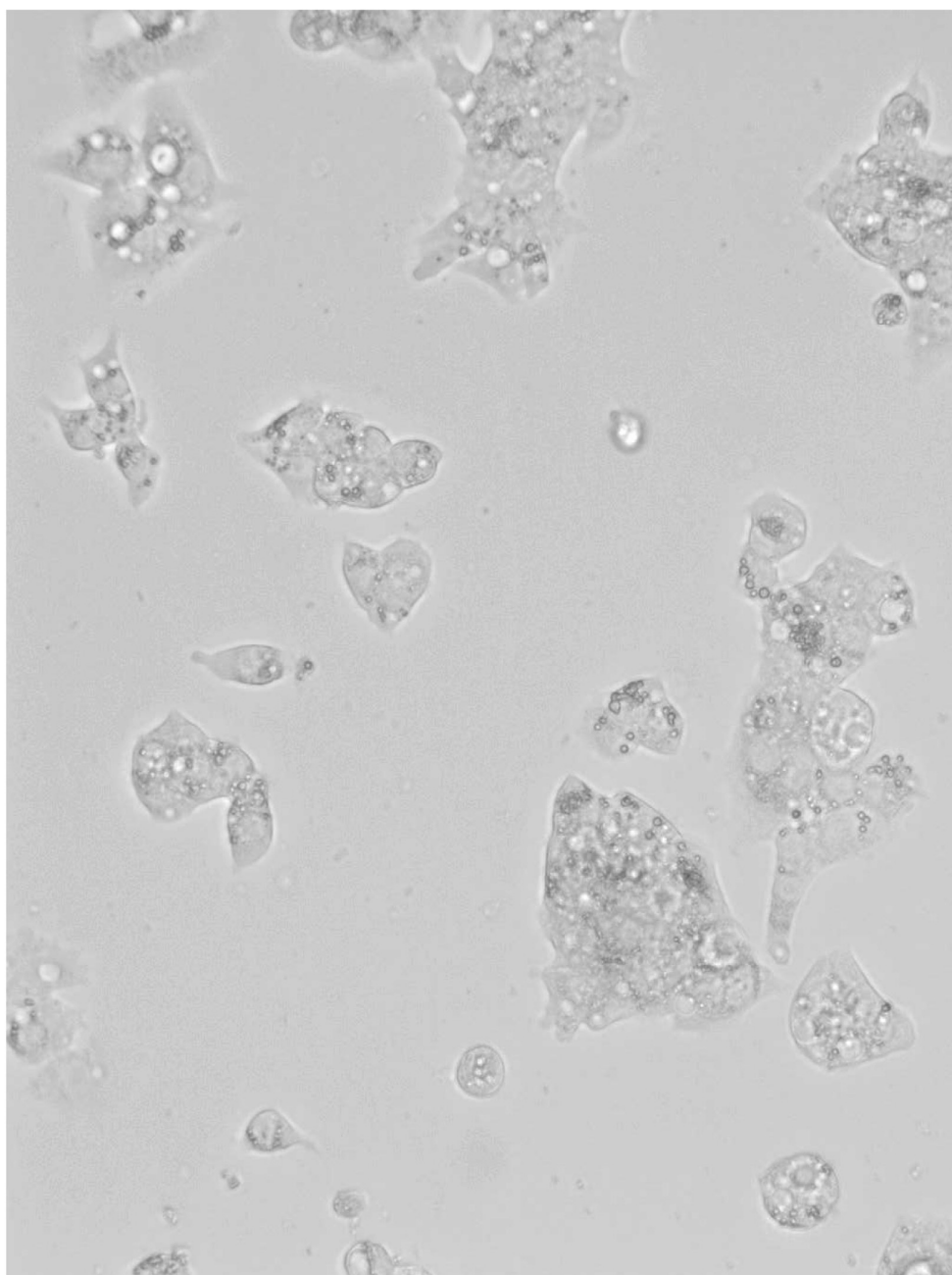


Figure 1C

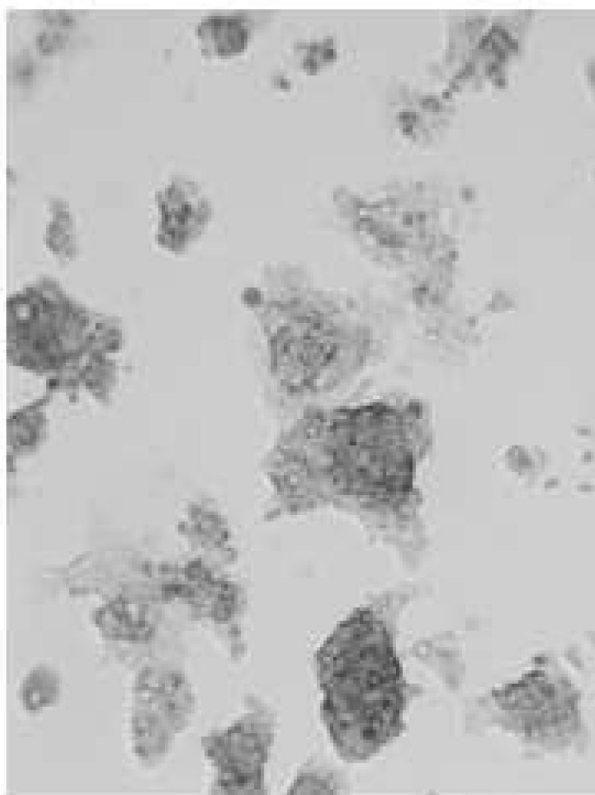
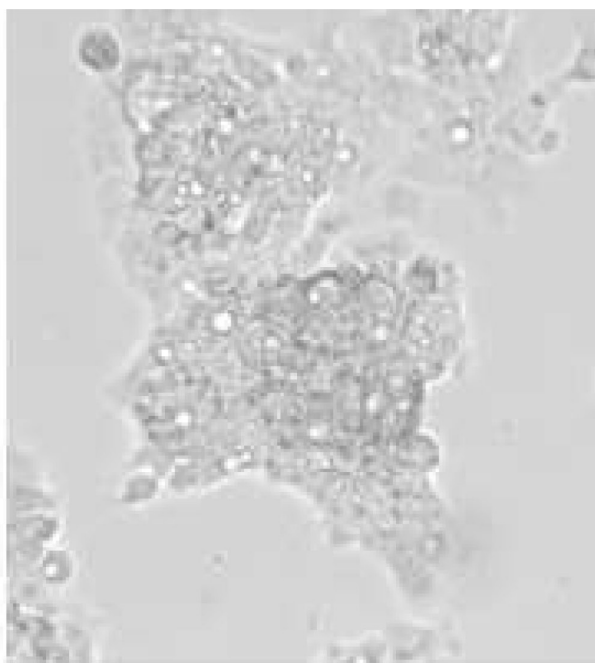


Figure 2A

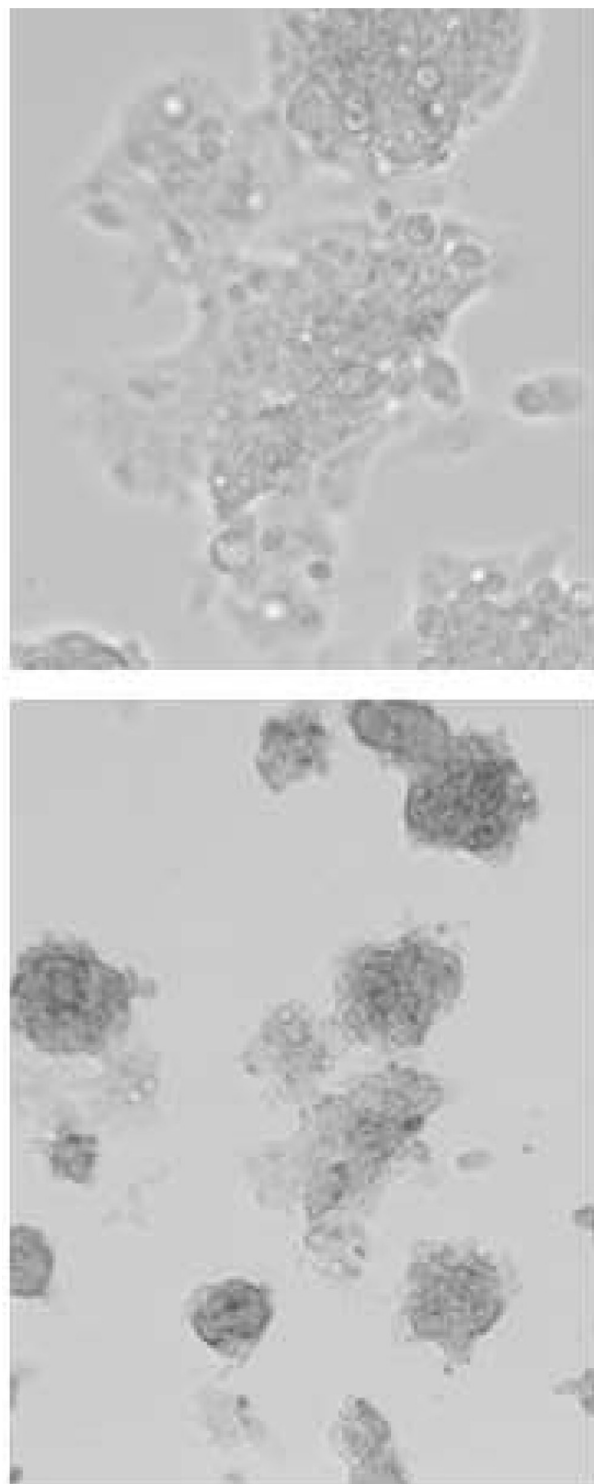


Figure 2B

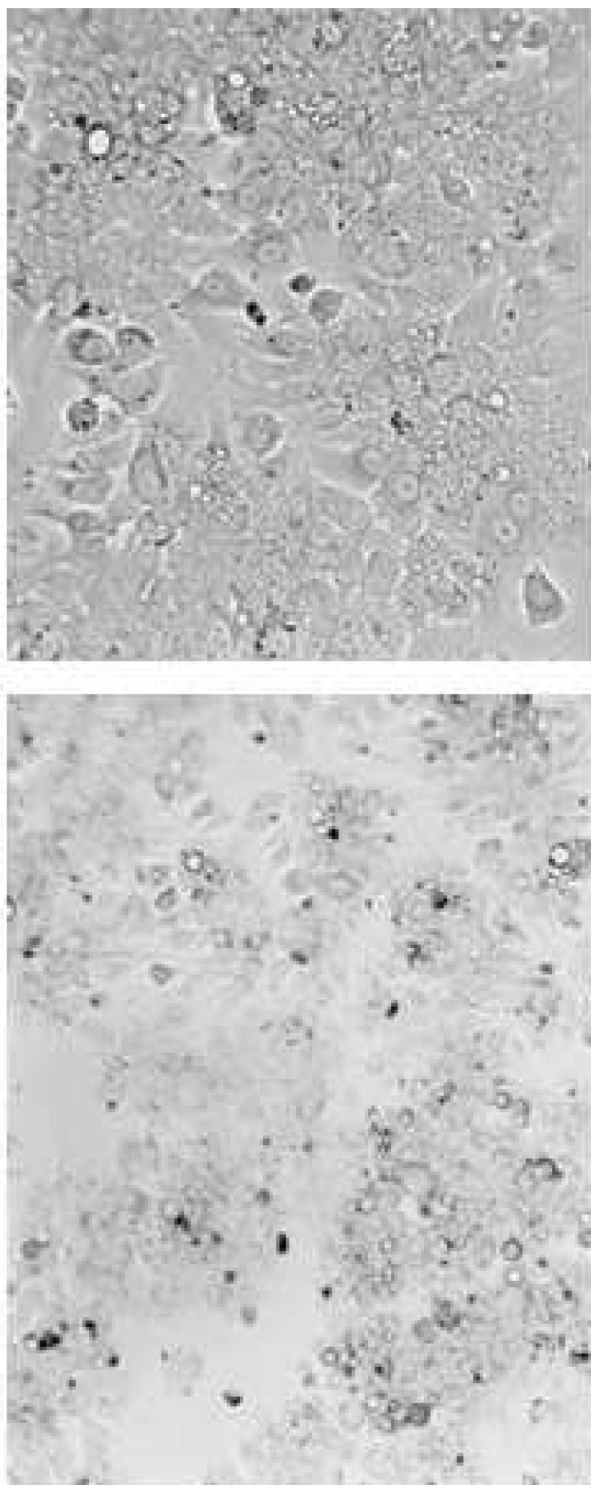


Figure 2C

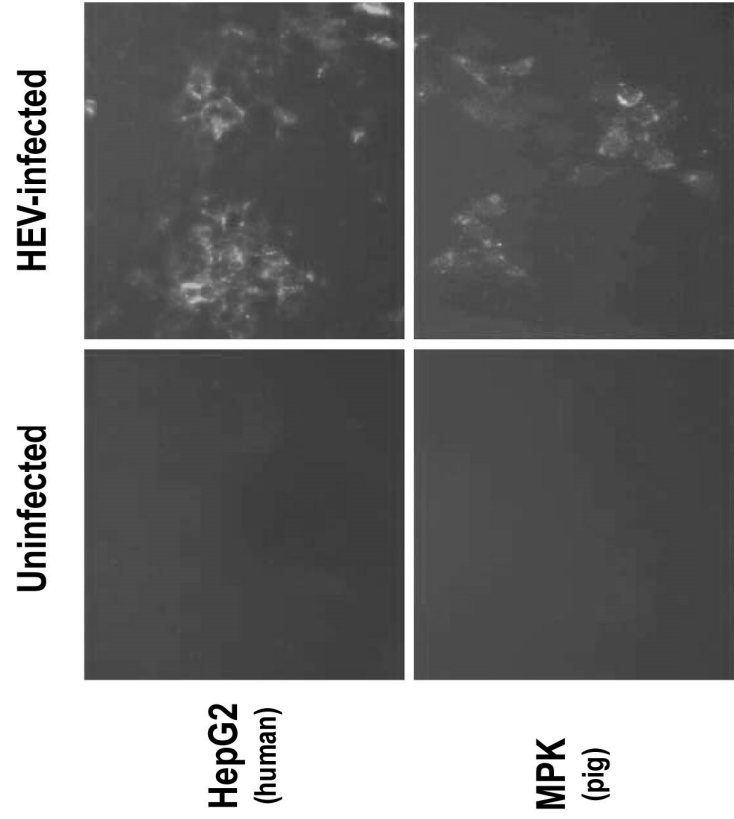
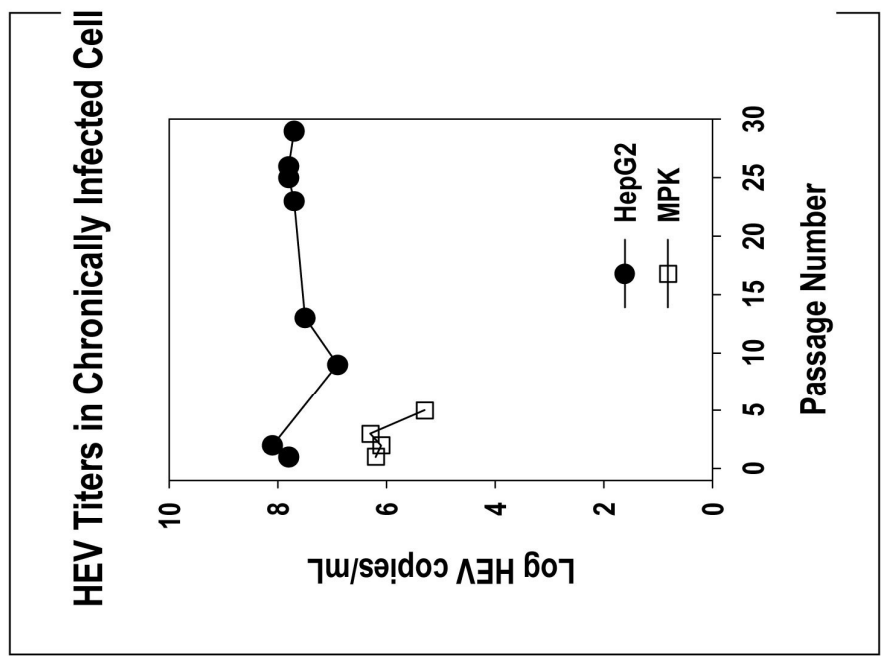
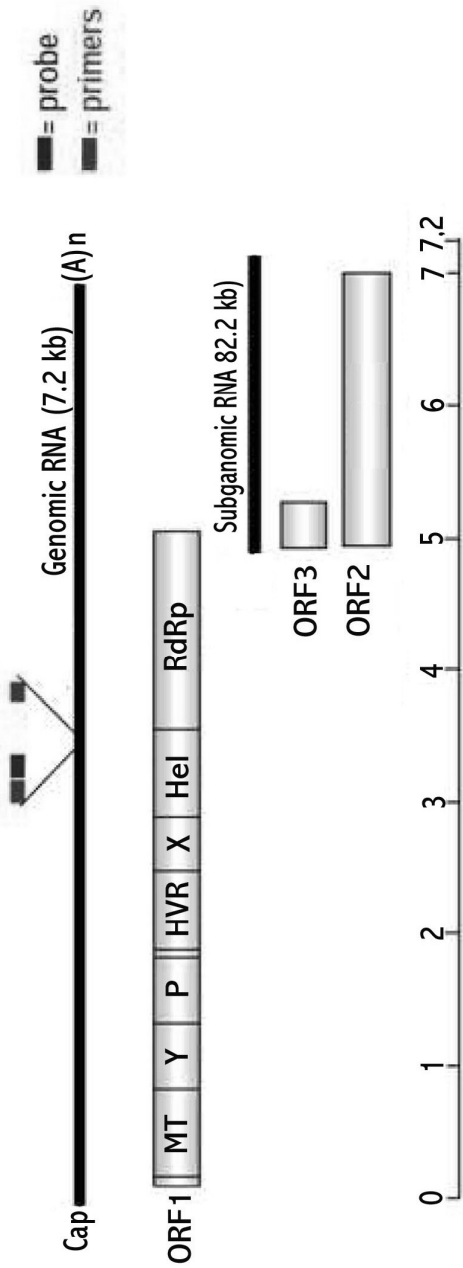


Figure 3

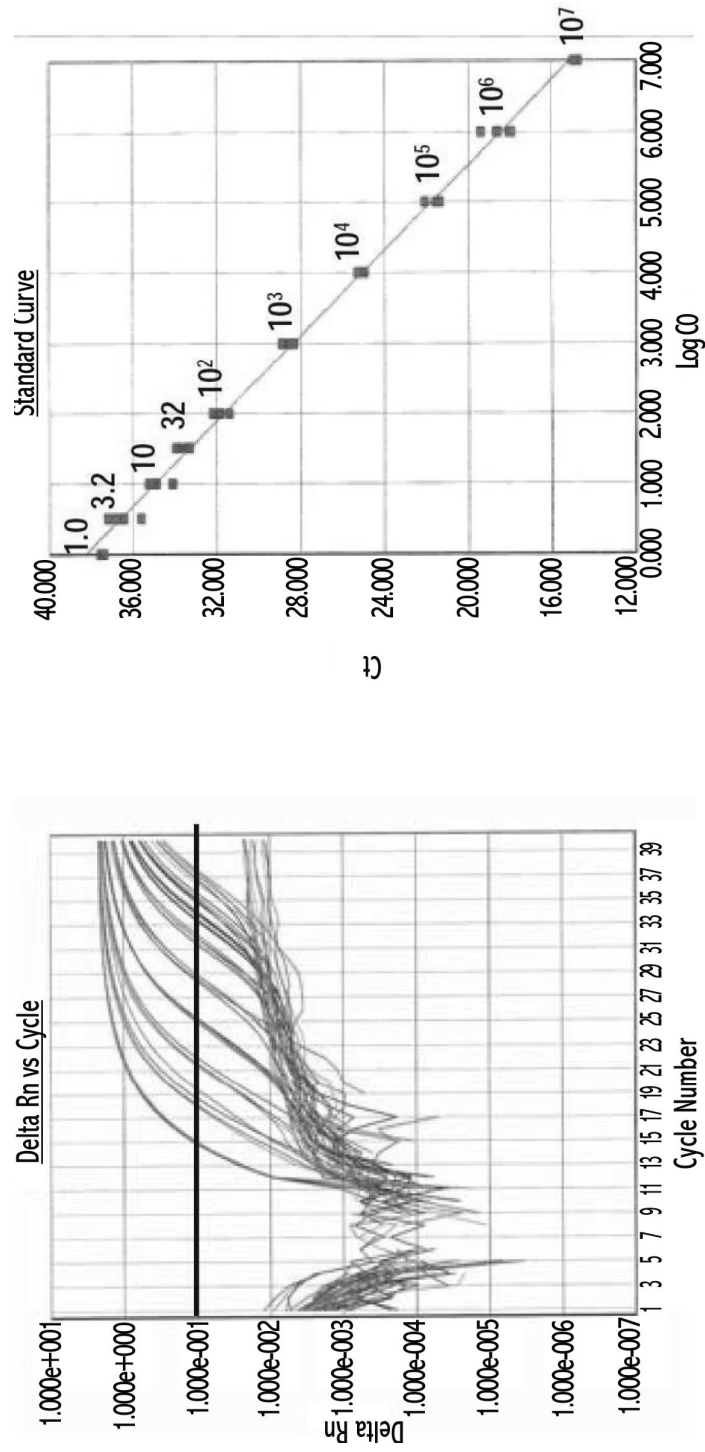


Oligos	Sequence	Nucleotides
HEV_FWD_1 forward primer	5'-CGG CTA TCG GCC AGA AGT T-3'	3595 to 3613
HEV_REV_ShuklaBB reverse primer	5'-CCG TGG CTA TAA CTG TGG TCT -3'	3711 to 3691
HEV_Probe_1	5'-FAM-TTT TTA CGC-ZEN- AGG CTG CCA AGG CC-3IABkFQ	3616 to 3638



5'-CGGCTATCGGCCAGAGTT-3' (SEQ ID NO: 1)
5'-CCGTGGCTATAACTGTGTCT-3' (SEQ ID NO: 2)
5'-FAM-TTTTACGC-ZEN-AGGCTGCCAAGGCC-3IABkFQ-3' (SEQ ID NO: 3)

Figure 4



- Based on historical data, the threshold is manually set at 0.1 so it passes through the exponential phase of all standard curves and to ensure detection of 1 RNA copy per rxn
- Slope = -3.3
- $R^2 = 0.997$

Figure 5