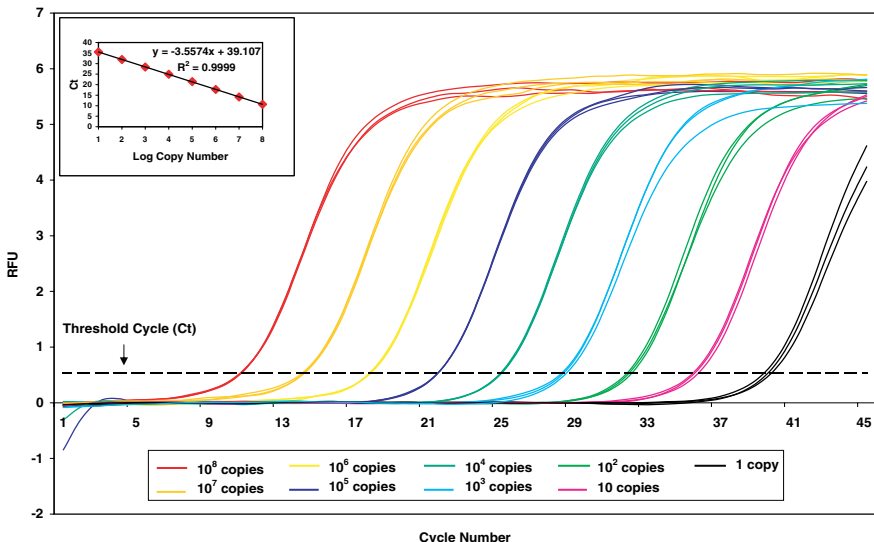


Fig. 2. Real-time PCR Amplification using HotStart-IT™ Probe qPCR Master Mix with UDG (PN 75764).



GAPDH Assay using HotStart-IT Probe qPCR Master Mix with dUTP and UDG (PN 75764). Triplicate reactions were performed with a cloned region of the human GAPDH gene as template using an ABI 7500 Fast instrument. A TaqMan® probe with FAM as the reporter fluorophore and BHQ-1® as the quencher was used to detect the 122 bp amplicon. ROX was used as a passive reference dye. The amplification process was linear over eight orders of magnitude (see inset) and a single copy of the target could be efficiently detected. The No Template Control (NTC) reaction generated no measurable fluorescence.