



**Fig. 2. Real-time PCR Amplification using HotStart-IT® SYBR® Green One-Step qRT-PCR Master Mix Kit (PN 75770).** GAPDH Assay using HotStart-IT® SYBR® Green One-Step qRT-PCR Master Mix Kit (PN 75770). Duplicate reactions were performed with human placental total RNA as template using an ABI 7500 Fast instrument. The amount of template ranged from 100 ng to 1 pg in an order of magnitude dilution series. The non-specific dsDNA binding dye, SYBR Green I, was used to detect the 122 bp amplicon and ROX was used as a passive reference dye. The amplification process was linear over six orders of magnitude with a correlation coefficient of 0.99 (see inset). The No Template Control (NTC) reaction generated no measurable fluorescence.