



Fig. 2. Highly sensitive detection of β -actin target from human liver total RNA and polyA RNA, by two-step RT-PCR with the RT Script Kit and USB Taq PCR Master Mix. RT was carried out in 25 μ l volume on indicated amounts of RNA by use of a gene specific primer. PCR was conducted in a 25 μ l volume on 1 μ l aliquot of RT reaction. For PCR, primers were used at 0.8 μ M, a relatively high concentration, in order to achieve high sensitivity. Total RNA - M: Marker; Lane 1: 1 μ g; Lane 2: 100 ng; Lane 3: 10 ng; Lane 4: 1 ng; Lane 5: 100 pg; Lane 6: 10 pg. PolyA RNA - M: Marker; Lane 1: 100 ng; Lane 2: 10 ng; Lane 3: 1 ng; Lane 4: 100 pg; Lane 5: 10 pg; Lane 6: 1 pg.