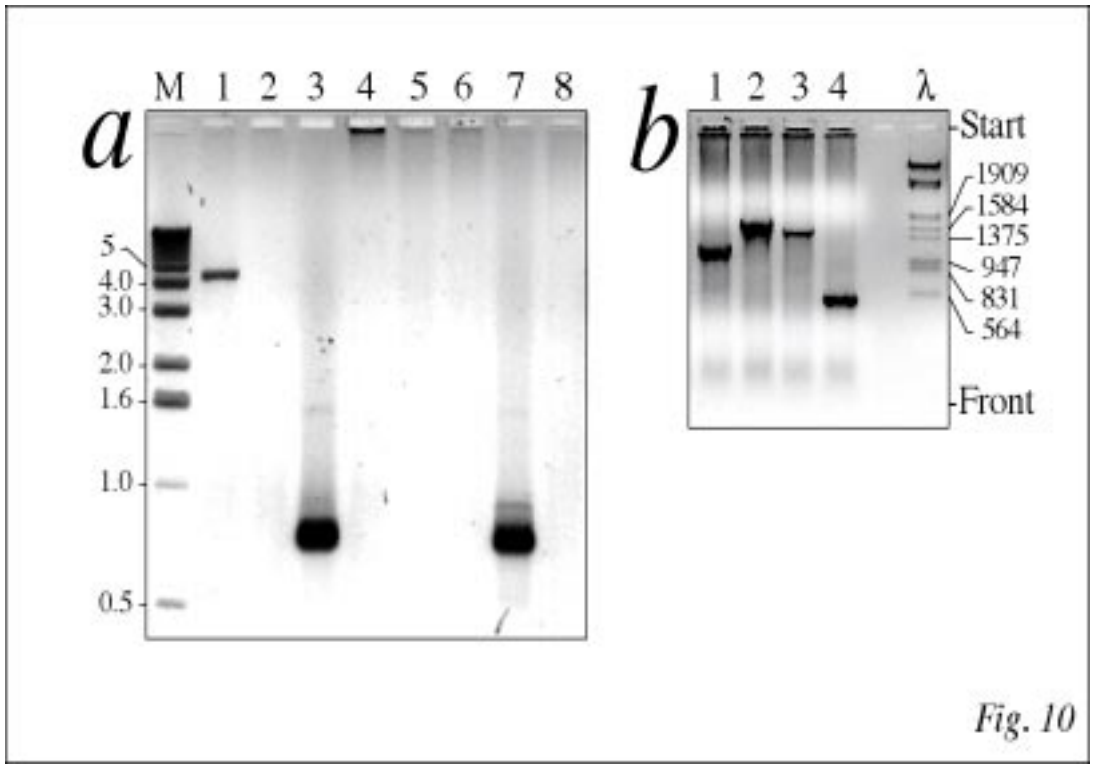
Figure 10

Topoisomerase IIα-transcripts were analysed by RT-PCR



a: PCR was performed with cDNA derived from A431 cells. The following primers used to sequence the entire topoisomerase IIα cDNA are outlined in figur 13. Products encompassing exons 1-9, 9-22, 22-33 and 33-35 are shown in lanes 1-4.

b: PCR was performed with cDNA derived from A431 cells (lanes 1 –4) or peripheral human blood lymphocytes (lanes 5-8) using primers corresponding to the peptide epitopes of rabbit antibodies directed against the N-terminus (amino acid residues 1-12) and the C-terminus (amino acid residues 1513-1531) of human topoisomerase IIα. Lanes 1 and 5 show results obtained by combinations of a forward primer of a N- and a reversed primer of the C-terminal sequence, whereas lanes 2 and 6 show combinations of a reversed primer of a N-with a forward primer of the C-terminal sequence. Values were normalised to 787 base pair β-actin (lanes 3 and 7). Controls without primers were in lane 4 and 8. The marker was λ-phage DNA

digested with *Eco*RI and *Hin*d III, and the length of the respective marker bands is noted on the right margin.