

Results

Prescreening method for DNA extracted from patients:

The extracted DNA which obtained from whole blood samples was found to have the

optical density O.D₂₆₀. (1.6-1.8). The size of the DNA fragments separated compared to the DNA Marker was found to be 5148bp (Figure 1).

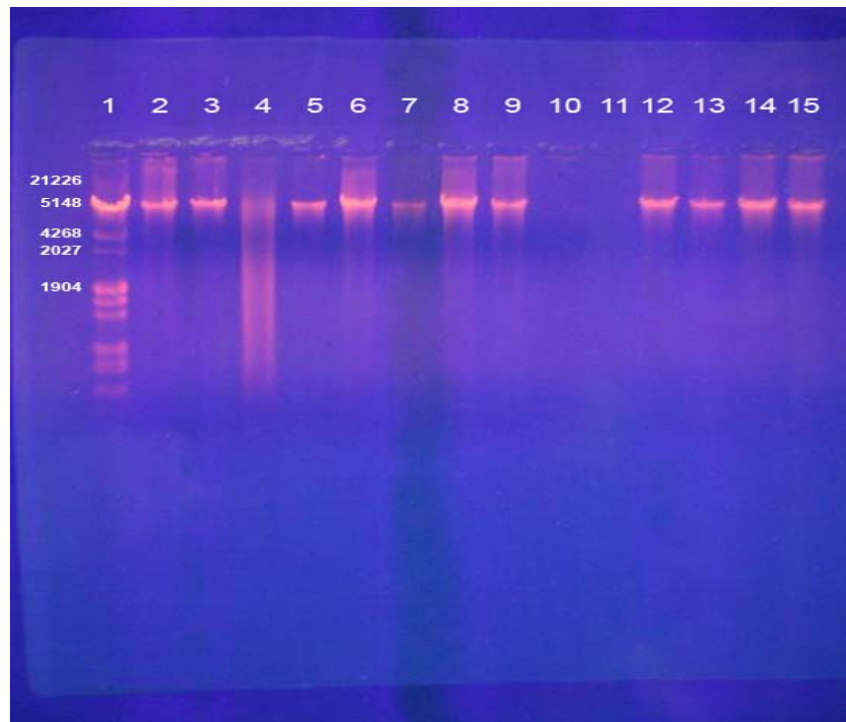


Figure 1: Ethidium bromide stained Agarose gel electrophoresis for the DNA extracted from the blood of the lymphoma patients, shows DNA fragments extracted from blood samples.

Lane (1): lambda DNA/ECOR 1+HindIII Marker 3.

Lane (2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, and 15): DNA extracted from patient blood samples.

Lane (11): negative control.

Transformation:

Plasmid WT DNA *pGEM Bam HIK* (WT) was extracted from transformed *E. coli* MM294 by salting method compared to DNA Marker. The size of the prepared plasmid DNA was determined by comparison of their relative

prepared position to that of the DNA ladder appeared in lane 8 (Figure 2).

Plasmid quantification:

WT plasmid DNA concentration:

The concentration of WT plasmid DNA was 635ng/μl and the number of copies of WT plasmid DNA was 0.075×10^{12} copies/μl.