

Experimental Report

1. Sample type	Human cancer cell – HeLa cell
2. Target nucleic acid	Genomic DNA
3. Starting vol.	1 x 10 ⁶
4. Elution vol.	50ul
5. Extraction kit	ExiPrep™ Cell Genomic DNA Kit (Cat. No. K-3235)
6. Extraction method	ExiPrep™ 16 (Cat. No. A-5010)
7. Extraction protocol	Genomic DNA from cultured cell

8. Material & Method

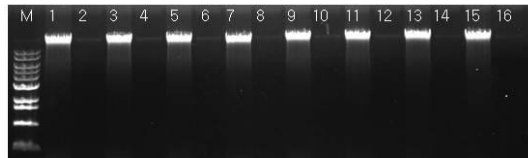
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Green well (1, 3, 5, 7, 9, 11, 13, 15); 1 x 10⁶ HeLa cell

Gray well (2, 4, 6, 8, 10, 12, 14, 16); D.W

9. Experimental Results

i) Agarose gel electrophoresis



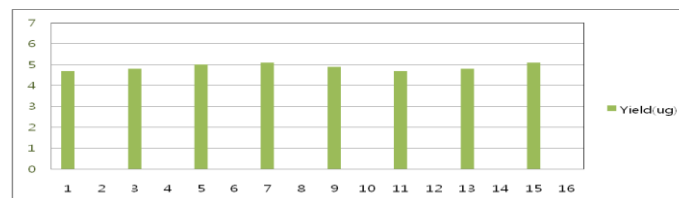
M; 2ul of 1kb DNA Ladder (Cat. No. D-1040)

Lane 1~16; 5 ul of the eluent

0.8% agarose gel, 150V 40 min

ii) Typical yield and purity

Sample	A _{260/280}	Conc.(ng/ul)	Yield(ug)
HeLa cell 1x10 ⁶	≥1.8	80 ~160	4 ~ 8



10. Discussions

The results confirmed that the 4 ~ 8 ug genomic DNA purified from 1 x 10⁶ Human HeLa cell was consistently obtained.

ExiPrep™ 16
Fully Automated DNA/RNA/Protein Purification System
