

Experimental Report

1. Sample type	Mouse Tissue - Brain
2. Target nucleic acid	Genomic DNA
3. Starting volume	25mg
4. Elution volume	50ul
5. Extraction kit	ExiPrep™ Tissue Genomic DNA Kit (Cat. No. K-3225)
6. Extraction method	ExiPrep™ 16 (Cat. No. A-5010)
7. Extraction protocol	Genomic DNA from Animal Tissue

8. Material & Method

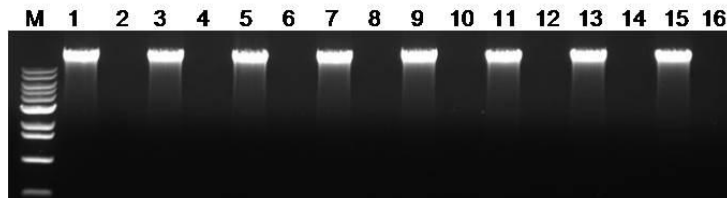
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16

Green well (1, 3, 5, 7, 9, 11, 13, 15); Tissue lysate

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

9. Experimental Results

i) Agarose gel electrophoresis



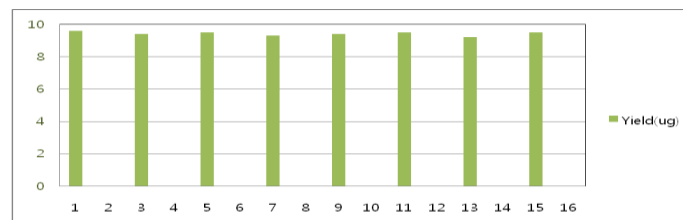
M; 2ul of 1kb DNA Ladder (Cat. No.D-1040)

Lane 1~16; 5ul of eluent

0.8% agarose gel, 150V 40 min

ii) Typical yield and purity

Sample	A _{260/280}	Conc.(ng/ul)	Yield(ug)
Mouse Brain	≥1.8	160 ~ 200	8 ~ 10



10. Discussions

The results confirmed that the 8 ~ 10ug genomic DNA purified from 25mg mouse brain tissue was consistently obtained.