

Blood/Cell/Tissue Genomic DNA Extraction Kit

Cat#: orb782890 (CoA)

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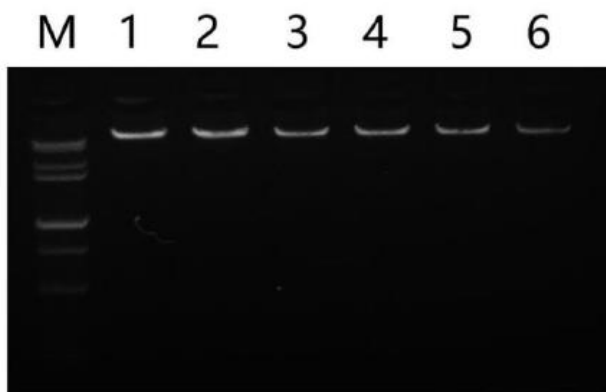
1. Experimental purpose

To verify the concentration and purity of DNA extraction.

2. Experimental materials

mouse liver tissue, A549 cells, mouse whole blood, similar products of Other brand.

3. Experimental results



Marker: D1,5000

1. 10mg mouse liver tissue (EP007)
2. 1×10^6 A549 cells (EP007)
3. 200ul mouse whole blood (EP007)
4. 10mg mouse liver tissue (Other brand)
5. 1×10^6 cell number A549 cells (Other brand)
6. 200ul mouse whole blood (Other brand)

Sample ID	Nucleic Acid Conc.	Unit	260/280	260/230	Sample Type	Factor
1	907.3	ng/ μ l	2.08	2.32	DNA	50
2	886.1	ng/ μ l	2.07	2.24	DNA	50
3	784	ng/ μ l	2.02	2.17	DNA	50
4	803.4	ng/ μ l	2.13	2.02	DNA	50
5	824.7	ng/ μ l	2.12	2.11	DNA	50
6	572.3	ng/ μ l	2.06	1.78	DNA	50

4. Results analysis

As can be seen from Figure 1 and Table 1, the DNA extracted by our company's kit has high concentration, high yield, and better purity than other brand.

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