

For Research Use Only. Not for use in diagnostic procedures.

DNA Extraktion from 400 μ l iSWAB solution.

Elution volume: 100 μ l (in 10 mM Tris-HCl pH 8.0)

| sample ID | lysis conditions | concentration [ng/ μ l] | yield [μ g] | purity A260/A280 | A260/A230 |
|-----------|------------------------------------|-----------------------------|------------------|------------------|-----------|
| 1 | + 400 μ l H ₂ O | 12.38 | 1.24 | 1.83 | 1.72 |
| 2 | + 400 μ l LB A | 76.50 | 7.65 | 1.88 | 1.88 |
| 3 | + 400 μ l LB B | 62.14 | 6.21 | 1.88 | 1.88 |
| 4 | + 400 μ l LB C | 75.15 | 7.52 | 1.81 | 1.61 |
| 5 | + 400 μ l LB C, 56°C 15 min | 76.50 | 7.65 | 1.79 | 1.50 |

The solutions of 5 iSWAB collection kits were pooled. 400 μ l of this lysis solution pool was used per one single extraction with the Blood 400 Kit (CMG-1091). Either water or different lysis buffers were added.

Best results were obtained with the normal Lysis Buffer Blood (A).

Any further questions?

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