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## Gel Extraction

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Works for me

[dx.doi.org/10.17504/protocols.io.7pthmnn](https://doi.org/10.17504/protocols.io.7pthmnn)NUS iGEM  
National University of Singapore

### MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

QIAquick Gel Extraction Kit

28704

Qiagen

### STEPS MATERIALS

NAME ▾

CATALOG # ▾

VENDOR ▾

Buffer QG

Isopropanol

Buffer PE

Buffer EB

19086

Qiagen

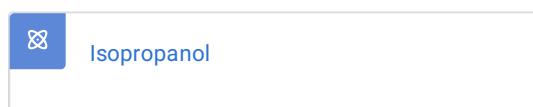
- 1 Add 450  $\mu$ l Buffer QG into 2ml tube containing gel slice



- 2 Incubate at 50 °C for 00:10:00

1m

- 3 Add 150  $\mu$ l isopropanol to the sample and mix



4 Transfer entire volume into QIAquick spin column

5 Centrifuge at  **13000 rpm** for  **00:01:00**

6 Discard flow through

7 Add  **750 µl** Buffer PE to QIAquick spin column



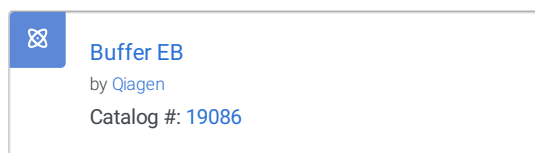
8 Centrifuge at  **13000 rpm** for  **00:01:00**

9 Discard flow through

10 Repeat steps 7 - 9

11 Place spin column onto a new eppendorf tube

12 Elute DNA by adding  **30 µl** Buffer EB to the center of QIAquick membrane



13 Incubate at  **Room temperature** for  **00:04:00**

14 Centrifuge at  **13000 rpm** for  **00:01:00**



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