

Sep 25, 2019

Gel Extraction

DOI

<https://dx.doi.org/10.17504/protocols.io.7pthmnn>

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Protocol Citation: NUS iGEM 2019. Gel Extraction. protocols.io <https://dx.doi.org/10.17504/protocols.io.7pthmnn>

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Protocol status: Working

We use this protocol and it's working

Created: September 25, 2019

Last Modified: September 12, 2023



Protocol Integer ID: 28115

Keywords: gel extraction, extraction, gel

Materials

MATERIALS

⊗ QIAquick Gel Extraction Kit **Qiagen Catalog #28704**

STEP MATERIALS

⊗ Buffer QG

⊗ Isopropanol

⊗ Buffer PE

⊗ Buffer EB **Qiagen Catalog #19086**

Protocol materials

⊗ QIAquick Gel Extraction Kit **Qiagen Catalog #28704**

⊗ Buffer QG

⊗ Isopropanol

⊗ Buffer PE

⊗ Buffer EB **Qiagen Catalog #19086**



1 Add  450 μ L Buffer QG into 2ml tube containing gel slice

 Buffer QG

2 Incubate at  50 °C for  00:10:00

1m

3 Add  150 μ L isopropanol to the sample and mix

 Isopropanol

4 Transfer entire volume into QIAquick spin column

5 Centrifuge at  13000 rpm for  00:01:00

6 Discard flow through

7 Add  750 μ L Buffer PE to QIAquick spin column

 Buffer PE

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 μ L Buffer EB to the center of QIAquick membrane

 Buffer EB **Qiagen Catalog #19086**
- 13 Incubate at  Room temperature for  00:04:00
- 14 Centrifuge at  13000 rpm for  00:01:00
- 15 Collect eluted DNA