



Jan 14, 2021

Nucleic acid precipitation

Elizabeth Fozo¹¹In-house protocol

1

Works for me

This protocol is published without a DOI.



Eadewunm

ABSTRACT

Precipitation of nucleic acids

PROTOCOL CITATION

Elizabeth Fozo 2021. Nucleic acid precipitation. **protocols.io**
<https://protocols.io/view/nucleic-acid-precipitation-brggm3tw>



KEYWORDS

Nucleic acid precipitation, Nucleic acid, precipitation

LICENSE

This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

CREATED

Jan 14, 2021

LAST MODIFIED

Jan 14, 2021

PROTOCOL INTEGER ID

46312

DISCLAIMER:

DISCLAIMER: THIS WORK IS IN PROGRESS. IT IS FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK

The protocol content here is for informational purposes only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to [protocols.io](#) is not peer-reviewed and may not have undergone a formal approval of any kind. Information presented in this protocol should not substitute for independent professional judgment, advice, diagnosis, or treatment. Any action you take or refrain from taking using or relying upon the information presented here is strictly at your own risk. You agree that neither the Company nor any of the authors, contributors, administrators, or anyone else associated with [protocols.io](#), can be held responsible for your use of the information contained in or linked to this protocol or any of our Sites/Apps and Services.

ABSTRACT

Precipitation of nucleic acids

Steps

- 1 Bring volume of reaction/nucleic acid mixture to 200µL with sterile, clean water
- 2 Add 20µL of 3M sodium acetate (NaOAc), 1µL glycogen, and 550µL ethanol (99%).

- 3 Place in -20°C freezer for approximately 30-60 minutes or store there indefinitely.
- 4 Spin samples at 4°C, 13000 RPM for 20 minutes.
- 5 Decant liquid, careful not to disturb pellet.
- 6 Add 300µL of 70% ethanol to wash the pellet. Dislodge the pellet with ethanol streaming.
- 7 Vortex carefully (optional).
- 8 Spin as in step 4 but only for 10 minutes.
- 9 Carefully aspirate liquid, careful not to suck up the pellet.
- 10 Allow pellet to air dry completely. Can set in a rack on top of 65°C heat block.
- 11 Resuspend pellet in clean water.