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RNA extraction from Pichia pastoris

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1


Works for me

[dx.doi.org/10.17504/protocols.io.8hght3w](https://doi.org/10.17504/protocols.io.8hght3w)

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MATERIALS TEXT

100 µL of Pichia liquid culture
preferred RNA extraction Kit
preferred clean and concentrator Kit
DNase

- 1 pipeting hole culture of Pichia liquid culture into 1.5 mL microcentrifuge tubes
 - 2 centrifugation for 1 min at 10.000 x g
 - 3 discard the supernatant
 - 4 extract RNA with Kit: for e.g. ZymoResearch YeaStar RNA Kit (Cat.#R1002) following the manufacturers manual.
 - 5 measure the concentration
-  a A260/280 ratio of ~2.0 indicates pure RNA
- 6 To remove DNA contamination, treated samples with DNase use also a Clean and Concentrator Kit for e.g. the Zymoclean RNA Clean & Concentrator Kit (Cat.# R1013).
 - 7 store RNA directly at -80° C



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