



Oct 19, 2019

Acetone precipitation of proteins

DOI

<https://dx.doi.org/10.17504/protocols.io.8gehte>

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Protocol Citation: iGEM Dusseldorf 2019. Acetone precipitation of proteins. **protocols.io**

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Protocol status: Working

We use this protocol and it's working

Created: October 19, 2019

Last Modified: October 19, 2019

Protocol Integer ID: 28902



- 1 Add 4 times the volume -20°C acetone to the extract and vortexed
- 2 Incubate sample at -20°C for 2 hours  02:00:00
- 3 Centrifuge at 14000 x g for 4 min at 4°C and discard the supernatant  00:04:00
- 4 Wash pellet twice with a 4:1 acetone/water mixture at -20°C until the pellet is well broken up
- 5 Centrifuge at 14000 x g at 4°C for 10 min between each washing step (2x)
- 6 After final centrifugation, incubate solutaion at 40°C until approximately 80% of the liquid evaporated
- 7 Resuspend pellet in remaining liquid. Store at -80°C for long term use or -20°C for short term use