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Protein Aggregation Capture

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Protocol status: In development We are still developing and optimizing this protocol

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Protocol Integer ID: 102856

Abstract

PAC Adapted from Batth et al., 2019



Protocol materials

X Tris P212121	Step 10				
Acetonitrile S	tep 5				
⋈ 70% ACN Thermo Scientific In <u>2 steps</u>					
⊠ 100% ACN Thermo Scien			Step 8		
⊠ 70% Ethanol	Step 9				



Equilibration

- 1 Add Δ 5 μL of MagReSyn Hydroxyl Beads **Resyn Biosciences** to 1.5mL LoBind Eppendorf tube
- 1.1 Place tube on magnet and allow Microparticles to clear 00:00:10

10s

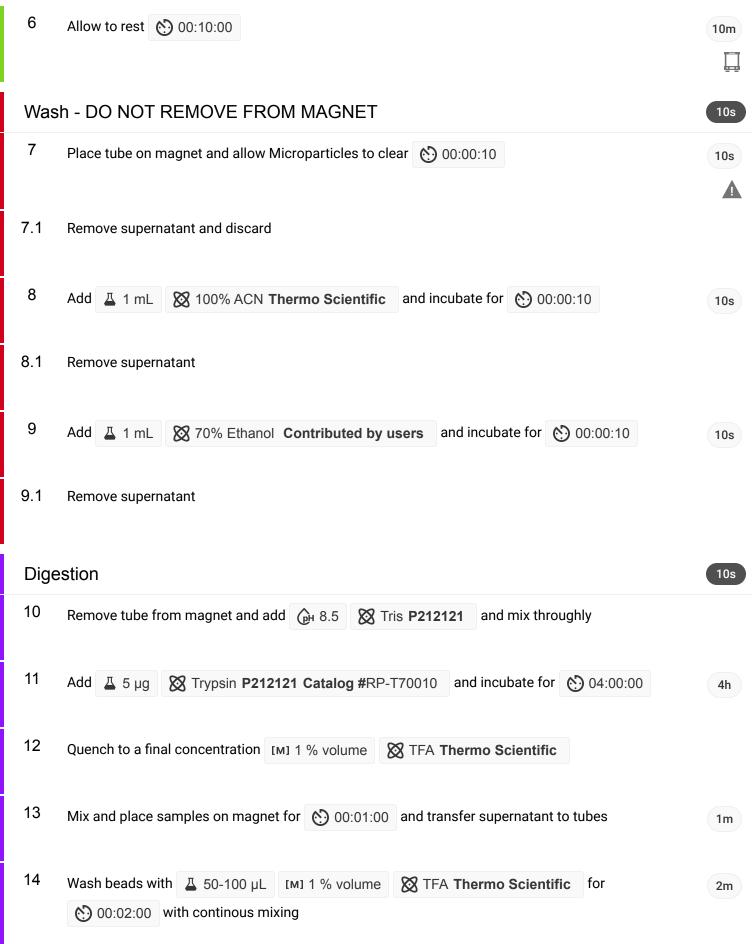
- 1.2 Remove storage solution and discard
- 2.1 Place tube on magnet and allow Microparticles to clear 00:00:10

10s

- 2.2 Remove supernatant and discard
- 3 Add Δ 100 μL 🔯 70% ACN Thermo Scientific and mix by gentle agitation
- 3.1 Place tube on magnet and allow Microparticles to clear 00:00:10

10s

- 3.2 Remove supernatant and discard
- 4 Add 🚨 2 µL sample in triplicate
- Add Acetonitrile Contributed by users to a concentration of 70% and mix once by pipette to create a uniform suspension





- 14.1 Remove supernatant and pool with eluate from Step 13
 - 15 Centrifuge tubes 20000 x g, 00:10:00

10m

16 Transfer supernatant to new tube and freeze down at 🖁 -80 °C