VERSION 2

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 We use this protocol and it's working

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Protein gel sample preparation V.2

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ABSTRACT

Sample preparation for tricine SDS-page gels and polyacrylamide SDS-page gels.

MATERIALS

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✕ Beta-mercaptoethanol Contributed by users

✕ MilliQ Water Contributed by users

✕ tricine sample buffer BIO-RAD Catalog #161-0739

✕ 4x Laemmli Sample Buffer Bio-rad Laboratories Catalog #161-0747

protein samples

sample preparation tricine SDS page

- 1 If you are unsure about the amount of protein present in your sample, load multiple concentrations

Add beta-mercaptoethanol to tricine sample buffer until a final concentration of 2%
Dilute 1 part sample with 1 part sample buffer

sample preparation SDS page

- 2 If you are unsure about the amount of protein present in your sample, load multiple concentrations

Add 100 μL of beta-mercaptoethanol per 900 μL of 4x laemmli sample buffer
Dilute 3 parts sample with 1 part sample buffer

- 3 Spin samples down ~ 10 sec
Place samples at 95 °C for 5 min
Load samples to gel