Lysis Buffer (10mM Tris-HCl, 2mM EDTA, 1% SDS)

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Abstract

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Protocol

Step 1.

Add 2.5ml 1M Tris-HCl pH 7.5 to an autoclaved bottle

PROTOCOL

. 1M Tris-HCl

CONTACT: Sarah Hessen-Schmidt
Step 1.1.

Dissolve 30.275g Trizma base in 200ml MilliQ

REAGENTS
Trizma Base 93362 by Contributed by users

Step 1.2.

Adjust to pH 7.5 with HCl (35ml)

Step 1.3.

Adjust total volume to 250ml with MilliQ

Step 1.4.

Autoclave

Step 2.

Add 1ml 0.5M EDTA

PROTOCOL

. 0.5M EDTA

CONTACT: Sarah Hessen-Schmidt

Step 2.1.

46.525g EDTA disodium 2H20 in 200ml MilliQ

REAGENTS

Ethylenediaminetetraacetic acid disodium salt dihydrate E5134-1KG by Sigma Aldrich

Step 2.2.

Adjust to pH 8.0 with NaOH pellets (5g)

Step 2.3.

Autoclave

Step 3.

Add 2.5g SDS

REAGENTS

Sodium dodecyl sulfate 436143-25G by Sigma Aldrich

Step 4.

Adjust total volume to 250ml with MilliQ