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Electrode cleaning solution

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Protocol status: Working

We use this protocol and it's working

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Abstract

How to make a cleaning solution for cleaning silicon probes



Materials

MATERIALS

⊗ Sodium chloride **Merck MilliporeSigma (Sigma-Aldrich) Catalog #S3014**

⊗ Sodium dodecyl sulfate solution **Merck MilliporeSigma (Sigma-Aldrich) Catalog #71736-100ML**

⊗ 0.2 M Tris Buffer pH 8.5 **Merck MilliporeSigma (Sigma-Aldrich) Catalog #T1503-100G**

⊗ Trypsin solution from porcine pancreas **Merck MilliporeSigma (Sigma-Aldrich) Catalog #T4549-100ML**



1 Make 1.2X strength cleaning solution (167.67 mL)

First, measure  116.67 mL H₂O in beaker

Add:

 0.117 g NaCl

 10 mL 10% SDS

 50 mL 0.2 M Tris Buffer, pH 8.5

2 [On day of use] Add  2 mL 10X trypsin to  10 mL 1.2X cleaning solution to make 12 mL 1x cleaning solution