

# 5x SDS (10 mL)

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## Abstract

Often used in Western Blots. Kept on the bottom shelf of the fridge.

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## Materials

- ✓ Tris pH 6.8 by Contributed by users
- ✓ 1% Bromophenol Blue by Contributed by users
- Sodium Dodecyl Sulfate (SDS) [BP166-500](#) by [Fisher Scientific](#)
- 100% Glycerol [View](#) by [Research Products International \(rpi\)](#)
- ✓ Dithiothreitol (DTT) by Contributed by users

## Protocol

### Step 1.

In a 15 mL falcon tube, combine 1.667 mL of pH 6.8 Tris, 3 mL of 100% glycerol, and 5 mL of DTT.

### Step 2.

Once mixed, in the fume hood, add 1 g of SDS. Shake until SDS is completely in solution (this takes a while!).

### Step 3.

If under 10 mL, fill with water to 10 mL mark.

### Step 4.

Distribute 1 mL aliquots in Eppendorf tubes and store on the bottom shelf of the fridge. Λ

## Warnings

SDS is harmful to your lungs. Always use this reagent in the fume hood.