

SDS-PAGE Sample Loading Buffer (5×)

Catalog# BWR1033

Size: 5 ml

Lot # Check on the product label

Introduction

SDS-PAGE Sample Loading Buffer is a kind of 5 × concentrated solution which based on Bromophenol blue dye. This reagent contains SDS, DTT, Glycerol, Bromophenol blue, Tris-HCL buffer, ect. It can be used for common SDS—PAGE protein sample loading.

Kit Components

Components	Size	Storage Instruction
SDS-PAGE Sample Loading Buffer, 5 ×	1 ml × 5	Store at -20℃ at least for one year.

Protocol

1. Dissolve the SDS-PAGE Sample Loading Buffer, 5 × in water bath at room temperature or not exceeding 37℃. After dissolving, store at room temperature immediately.
2. Mix sample with SDS-PAGE Sample Loading Buffer, 5 × at the ratio 4:1 (i.e. add 4μl sample into 1μl of SDS-PAGE Sample Loading Buffer).
3. Fully denaturize sample at 100℃ or boiling water bath for 3-5 min.
4. Cool the sample to room temperature, then load and electrophorese.
5. Stop electrophoresis when Bromophenol blue dye arrives at the bottom of gels.

Notes

1. If SDS sediments appears when balance SDS-PAGE Sample Loading Buffer to room temperature, try to melt it with warm water.
2. The slightly sharp smell may encountered for the few amount of DTT.
3. Please operate with gloves in the fume hood.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.