

5X Protein Sample Buffer

Cat. No.:

BR600-25

COMPONENTS:

5X Protein Sample Buffer 25mL*1

+ 2-mercaptoethanol 1.25mL*1

0.3M Tris-HCl (pH6.8), 50% Glycerol, 10% SDS, 0.5% NaN₃, 5% 2-mercaptoethanol, 0.05% Bromophenol Blue.

DESCRIPTION:

Biomate 5X Protein Sample Buffer is used for the preparation of protein sample prior to SDS-PAGE. Biomate 5X Protein Sample Buffer also protects proteins from heat degradation during the sample preparation step, as well against pH changes during the SDS-PAGE run. Some proteins are sensitive to pH changes that result from temperature fluctuations during electrophoresis in Tris buffers.

INSTRUCTIONS:

1. Proportionally add 2-mercaptoethanol into 5X Sample Buffer before use. The suggested ratio is 5%.
2. Mix sample with prepared 5X Protein Sample Buffer at the ratio 4:1.

NOTE:

1. If SDS sediments appeared when balance Biomate 5X Protein Sample Buffer to room temperature, try to melt it with warm water.
2. Please operate with gloves in fume hood.

STORAGE:

Store at 4°C ≥ a few weeks, -20°C ≥ 12 months, from date of receipt.

For Research Using Only.