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## Product Information

### 5×SDS-PAGE Sample Loading Buffer

Catalog Number	Packaging Size
P013	5 mL

<b>Storage upon receipt:</b>
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- -20°C

### Product Description

**SDS-PAGE Sample Loading Buffer** is a 5X solution of 250 mM Tris-HCl, pH 6.8, 10% SDS, 30% (v/v) Glycerol, 10 mM DTT, 0.05% (w/v) Bromophenol Blue for use in SDS-polyacrylamide gel electrophoresis of proteins.

### Application

1. Warm the **SDS-PAGE Sample Loading Buffer (5X)** to room temperature.
2. Mix 4 volumes of protein sample with 1 volume of **SDS-PAGE Sample Loading Buffer (5X)**. Vortex briefly.
3. Heat to 95°C for 5 min to denature protein.
4. Cool to room temperature, and load on the gel.
5. Run electrophoresis until the blue dye reaches the bottom of the gel.