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## Product Specification

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Product:	Protein Sample Loading Buffer for SDS-PAGE, 5× (NO DTT)
Product Code:	BPSB00201
Pack Size:	5 x 1ml

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### Description

Protein Sample Loading Buffer for SDS-PAGE, 5× (NO DTT) is a modified protein loading buffer with bromophenol blue as dye and offered at 5× concentration. It can be used for routine non-reducing SDS-PAGE protein sample loading. This product contains SDS but no DTT.

### Protocol (for reference only)

1. Mix Protein Sample Loading Buffer for SDS-PAGE (5×) with your protein sample with 1:4 ratio
2. Heat the sample mixture at 95°C for 5-10mins to denature proteins completely
3. Directly load the sample mixture into the wells of the SDS-PAGE gel after it has cooled to room temperature
4. The electrophoresis can be stopped when bromophenol blue reaches near the bottom of the SDS-PAGE gel

### Storage

Stored at -20°C for 12 months; recommended to store in aliquots to prevent freeze thawing cycles

### Notes:

1. This product is offered in 5× format and it should be diluted into 1× working solution according to the experimental requirements
2. For research use only. Not for use in diagnostic procedures
3. For your health and safety, please wear personal protective equipment (PPE) and clothing when operating