

Laemmli¹ Sample Buffer (2x), for SDS PAGE

Cat. No. 42526

Product Description:

General	Sample buffer for SDS-PAGE, 2x concentrate	
Composition	Components	Concentration
	TRIS/HCl	126 mM
	Glycerol	20 %
	SDS	4 %
	Bromphenolblue	0.02 %
	pH 6.8 ± 0.2	
Storage	Recommended storage temperature is +15 °C – +30 °C.	

Instructions for use:

The sample buffer does not contain any reduction reagent. By adding 10 mM DTT or 5 % 2-mercaptoethanol you receive a reducing sample buffer (concentrations refer to 1x sample buffer). Since the reduction reagents oxidise in time, the buffer should always be freshly prepared.

- Add 10 µl of a 2 M DTT stock solution resp. 10 µl 2-mercaptoethanol to 1 ml 2x sample buffer.
- Mix your samples with an equal volume of 2x sample buffer.
- Heat sample for 5 minutes at 95 °C; heat fluorescence-labelled samples for 5 minutes at 65 °C.

¹ U. K. Laemmli, Nature 277, 680 - 685 (1970)