

## PRODUCT INFORMATION

### SERVA Tris-Glycine/LDS Sample Buffer (4x) Cat. No. 42525

#### Product description:

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**General**      Sample buffer for denaturing PAGE, 4x concentrate

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#### Contains

Buffered	
Triethanolamine	
Glycerol	40 %
LDS	4 %
Ficoll® 400	4 %
EDTA	1.89 mM
Bromphenolblue	0.025 %
Phenolred	0.025 %

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**Storage**      Recommended storage temperature: +2 °C to +8 °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 20 µl of a 2 M DTT stock solution resp. 200 µl 2-mercaptoethanol to 1 ml 4x sample buffer.
- Mix 3 parts of your samples with 1 part of 4x sample buffer.
- Heat sample for 5 minutes at 95 °C; heat fluorescence-labelled samples for 5 minutes at 65 °C.

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