

## Product Information

### Laemmli Buffer(5X)

Catalogue Number: GBPLB02/02F

## General Information

Laemmli Buffer is a widely used sample buffer designed for preparing protein samples for SDS-PAGE (sodium dodecyl sulfate-polyacrylamide gel electrophoresis). This concentrated buffer ensures denaturation of proteins for accurate molecular weight determination. Its robust formulation offers consistent performance in various protein electrophoresis applications.

## Product Specification

Appearance	: Blue, viscous liquid
Storage & Shelf Life	: Store at 2°C to 8°C (Refrigerated) and use within 12 months.
Shipping Conditions	: Ambient
pH	: 6.8
Concentration	: 5X
Reducing Agent	: $\beta$ -Mercaptoethanol (optional)**
Compatibility	Compatible with most electrophoresis systems

## Formulation

Components	Concentration mg/ml
Tris-HCl (300mM, pH 6.8)	900 mg
Glycerol (50% v/v)	5 mL
SDS (10% w/v)	1000 mg
Bromophenol Blue (0.05% (w/v))	5 mg
$\beta$ -Mercaptoethanol ** (10% (v/v))	1.0 mL

For Research Use Only

## Need help?

If you have any further queries, please feel free to email our cell culture specialists at [info@genexisbiotech.com](mailto:info@genexisbiotech.com)

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