

Product Information

Protein loading buffer (non-reducing) (5X)

Catalogue Number: GBPPLB01

General Information

Protein Loading Buffer (Non-Reducing, 5X) is a high-quality buffer designed for preparing protein samples for SDS-PAGE without the use of reducing agents. This formulation maintains the native disulfide bonds within proteins, making it ideal for studies where the structural integrity of disulfide linkages is crucial. The buffer contains Tris-HCl (pH 6.8), SDS, glycerol, and bromophenol blue, ensuring efficient protein denaturation, sample loading, and tracking during electrophoresis. Its concentrated 5X format allows for easy dilution to the desired working concentration, offering versatility and convenience for various laboratory applications.

Product Specification

Appearance	: Clear, blue-colored solution
Storage & Shelf Life	: Store at 4°C to -20°C and use within 12 months.
Shipping Conditions	: Ambient
pH	: 6.8
Concentration	: 5X

Formulation

Components	Concentration mg/ml
Tris-HCl (250mM, pH 6.8)	151 mg
Glycerol (50% v/v)	2.5 mL
SDS (10% w/v)	500 mg
Bromophenol Blue (0.05% (w/v))	2.5 mg

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

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