

# Native Loading Buffer, 2x

## Ordering info

TBB0397, Native Loading Buffer 2x, 30 mL

## Description

**Native Loading Buffer 2x** is a ready to use non-denaturing buffer to dilute protein samples before loading in polyacrylamide gel. It maintains the proteins' secondary structure and native charge density. **Native Loading Buffer 2x** ensures optimal band resolution when preparing proteins for polyacrylamide gel electrophoresis with Tris-Glycine buffer.

## Storage

Store at 4 °C.

## Quality Control

- Protease not detected.

## Features

- The biological activity of most proteins is retained.
- **Reproducibility**, between lane to lane.
- **Optimal band resolution**
- Composition (2x): 126 mM Tris-HCl, pH 6.8, 20% glycerol, 0.02% Bromophenol Blue

Also available:

**Tris-Glycine Buffer 10x, pH 8.3 (TBB0333, TBB0334)**

## Applications

- Native PAGE Gels with Tris-Glycine Buffer.

## PROTOCOL

### I. Sample Preparation

1. Add 1 volume of Native Loading Buffer 2x to 1 volume of protein sample. Mix well.
2. Load the gel.
3. Set an appropriate voltage to run the electrophoresis.
4. Run the electrophoresis.

