

# HiQ

## Gel Loading Buffer (6x)

Cat No.	Pack Size
A0007	1×1ml

### Product description

HiQ Gel Loading Buffer (6X) is a pre-mixed loading buffer with three tracking dyes for agarose and non-denaturing polyacrylamide gel electrophoresis. EDTA is included to chelate magnesium (up to 10mM) in enzymatic reactions, thereby stopping the reaction.

### Contents

10mM Tris-HCL (pH 8.0), 0.03% Bromophenol Blue, 0.03% Xylene Cyanol, 0.15% Orange G, 60% Glycerol, 60mM EDTA.

### Application

Preparation of DNA ladders, markers and samples for loading on agarose or polyacrylamide gel.

### Features

Three-color tracking of DNA migration during electrophoresis.

No DNA masking during gel exposure to UV light.

EDTA binds divalent metal ions and inhibits metal dependent nucleases.

## Storage

4°C for 12 months, -20°C for 36 months.

## Quality Assurance Statement

HiQ Gel Loading Buffer (6X) is assayed for contaminating endonuclease, exonuclease and RNase activity.



Xylene Cyanol FF  
1% TAE: 4,000bp  
2% TAE: 800bp

Bromophenol Blue  
1% TAE: 500bp  
2% TAE: 150bp

Orange G  
1% TAE: 50bp  
2% TAE: 30bp

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