

HiQ™ Gel Loading Buffer (6x)

Cat No.	Pack Size
HQM30001	1x1mL

✓ Product description

HiQ™ Gel Loading Buffer (6X) is a pre-mixed loading buffer with two tracking dye for agarose and non-denaturing polyacrylamide gel electrophoresis. EDTA is included to chelate magnesium (up to 10mM) in enzymatic reactions, thereby stopping the reaction. Bromophenol blue and xylene cyanol are the standard tracking dye for electrophoresis.

✓ Contents

10 mM Tris-HCL (pH 7.6) , 0.03 % Bromophenol Blue, 0.03% Xylene Cyanol, 60 % Glycerol, 60 mM EDTA

✓ Application

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

✓ Features

Two-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**

Store at Room Temperature

✓ **Quality Assurance Statement**

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



Xylene Gyand FF
TAE: 4160 bp
TBE: 3030 bp

Bromophenol Blue
TAE: 370 bp
TBE: 220 bp

Electrophoresis of tracking dye
in 6x Gel loading Buffer

(주) 바이오디

T_ 02.6264.3399

E_ support@bio-d.co.kr



www.bio-d.co.kr