

Gel Loading Dye, Orange (6X)



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B7022S 001130216021

B7022S

6 ml Gel Loading Dye, Orange (6X)

Store at 25°C Lot: 0011302 Exp: 2/16

Description: Gel Loading Dye, Orange (6X) is a pre-mixed loading buffer with a tracking dye for agarose and non-denaturing polyacrylamide gel electrophoresis. This solution contains SDS, which often results in sharper bands, as some restriction enzymes are known to remain bound to their DNA substrates following cleavage. EDTA is also included to chelate magnesium (up to 10 mM) in enzymatic reactions, thereby stopping the reaction. Orange G will not appear in gel photographs, and runs ahead of all but the smallest restriction fragments. Orange G migrates

at approximately 50 bp on a standard 1% TBE agarose gel.

1X Gel Loading Dye, Orange: 2.5% Ficoll-400, 11 mM EDTA, 3.3 mM Tris-HCl (pH 8.0 @ 25°C), 0.017% SDS and 0.15% Orange G.

Storage Conditions: Store at room temperature.

Quality Assurance: Gel Loading Dye, Orange (6X) is assayed for contaminating endonuclease, exonuclease and RNase activity.

Note: Use 5 µl of Gel Loading Dye, Orange (6X) per 25 µl reaction, or 10 µl per 50 µl reaction. Mix well before loading gel.

CERTIFICATE OF ANALYSIS

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