

Gel Loading Dye, Purple (6X), no SDS



1-800-632-7799
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570255 006150818081

B7025S

4 ml **Lot: 0061508**
Exp: 8/18 **Store at 25°C**

Description: Gel Loading Dye, Purple (6X), no SDS is a pre-mixed loading buffer which contains a combination of two dyes, Dye 1 (pink/red) and Dye 2 (blue). The red dye serves as the tracking dye for both agarose and non-denaturing polyacrylamide gel electrophoresis. The two dyes separate upon gel electrophoresis; the red band is the major indicator and migrates similarly to Bromophenol Blue on agarose gels. Specifically chosen, this dye does not leave a shadow

under UV light. EDTA is also included to chelate magnesium (up to 10 mM) in enzymatic reactions, thereby stopping the reaction. The dye also contains Ficoll®, which creates brighter and tighter bands when compared to glycerol loading dyes.

1X Gel Loading Dye, Purple: 2.5% Ficoll-400, 10 mM EDTA, 3.3 mM Tris-HCl (pH 8.0 @ 25°C), 0.02% Dye 1 and 0.0008% Dye 2.

Storage Conditions: Store at room temperature.

Quality Assurance: Gel Loading Dye, Purple (6X), no SDS is assayed for Non-Specific DNase Activity (16 hour), Exonuclease Activity (Radioactivity Release), Endonuclease Activity (Nicking) and RNase Activity (Extended Digestion).

Note: Use 5 µl of Gel Loading Dye, Purple (6X), no SDS per 25 µl reaction, or 10 µl per 50 µl reaction. Mix well before loading gel



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FICOLL® is a registered trademark of GE Healthcare.

This product is intended for research purposes only. This product is not intended to be used for therapeutic or diagnostic purposes in humans or animals.

CERTIFICATE OF ANALYSIS

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