

DNA Loading Dye

Ready-to-use marker dye for loading DNA samples into agarose gel wells and tracking migration during electrophoresis



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Catalog # 79018 3 x 1 mL

Product Description

DNA Loading Dye is a 6X concentrated, pre-mixed, ready-to-use marker dye containing orange G, bromophenol blue, and xylene cyanol FF, in 15% Ficoll® 400, 10 mM Tris-HCl (pH 7.5), and 50 mM EDTA (pH 8.0). DNA Loading Dye is used for loading DNA samples into agarose gel wells and tracking migration during electrophoresis. In a 0.5 - 1.4% agarose gel in 0.5X TBE, xylene cyanol FF migrates at ~4 kb, bromophenol blue at ~300 bp, and orange G at ~50 bp. This product is compatible with 1 kb DNA Ladder (Catalog #79017) and is free of nuclease activity.

Ordering Information

PRODUCT NAME	CATALOG #	SIZE	COMPONENTS
DNA Loading Dye	79018	3 x 1 mL	<ul style="list-style-type: none">DNA Loading Dye, 1 mL (79019)

Properties

Storage: Store at 2 - 8°C. Alternatively, store at -20°C.

Shelf Life: Stable until expiry date (EXP) on label.

Directions for Use

If product is frozen, thaw at room temperature (15 - 25°C). Mix well prior to use. Add 1 part DNA Loading Dye to 5 parts DNA solution.

Use this product as directed in the protocol of choice.

Related Products

For related products, including genome editing tools, qPCR arrays, specialized cell culture and storage media, and cultureware, visit www.stemcell.com or contact us at techsupport@stemcell.com.

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