

# 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	• DNA Loading Dye, 1 mL (79019)

## Properties

**Storage:** Store at -20°C. Alternatively, store at 2 - 8°C for up to 1 week.

**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](http://www.stemcell.com) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

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