

**PRODUCT INFORMATION**

***PureNA™* 6 x Loading Dye**

**Cat# RD01-5**

## Product Information

*PureNA*<sup>™</sup> 6 x Loading Dye - 5 x 1 mL

## Storage and Transportation

- *PureNA*<sup>™</sup> 6 x DNA Loading Dye can be stored at -20°C for up to 24 months.
- The kit can be transported at room temperature.

## Description

*PureNA*<sup>™</sup> 6 x Loading Dye is a pre-mixed loading buffer for tracking DNA migration on agarose and polyacrylamide gels. It consists of two dyes (bromophenol blue and xylene cyanol FF). DNA can be monitored real-time during the process of electrophoresis.

## Composition

30 mM EDTA, 36% (v/v) Glycerol. 0.03% (w/v) Xylene Cyanol FF,  
0.03% (w/v) Bromophenol Blue

## Features

- Two-color tracking of DNA migration during DNA electrophoresis.
- No DNA masking during gel exposure to UV light.
- EDTA binds divalent metal ions and inhibits metal dependent nucleases.

## Application

Add 1/6 volume of 6 x Loading Dye to your DNA sample.

## Quality Control

The quality of the dye was tested spectrophotometrically and by agarose gel electrophoresis.