

Technical Data Sheet

MOLEQULE-ON[®]

6X DNA Loading Dye

Cat No. **DY-M-001-1000**

Size: 1ml

DESCRIPTION

The MOLEQULE-ON's DNA Loading Dye is a pre-mixed loading buffer with two tracking dyes for agarose and non-denaturing polyacrylamide gel electrophoresis. Bromophenol blue is the standard tracking dye for electrophoresis. It migrates at approximately 300 base pairs on 1% TBE agarose gel. Whereas, xylene cyanol typically migrates at about the same rate as a 4000 base pairs DNA fragment. EDTA is also included to chelate magnesium (Mg^{2+}) in enzymatic reactions, thereby stopping the reaction. DNA loading buffer with tracking dyes is supplied at 6X concentrated form.

USE

The recommended working concentration is 1X (1 part of the dye in 5 parts of sample).

STORAGE

Store at 2-8°C.

For laboratory use only. Not intended for any animal or human therapeutic or diagnostic uses.

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