

6X DNA Loading Dye

Cat No: **DY-M-002-1000**

Size: 1ml

Concentration: 6X

Storage: Store at 4°C

For longer use, store at – 20°C

(Ready to use)

MOLEQULE-ON®

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