

# ***ClearBand* 6x DNA Loading Dye Green**

5x1 ml, 5x5 ml

**Cat No:** DLD-6xG, DLD-6xG5

**Shipping** : Ship at ambient temperature.

**Storage** : Stable for 1 year at 4-8°C or at room temperature.

## **General Information**

*ClearBand* 6x DNA Loading Dye **Green** is a pre-mixed buffer, which can be used for loading DNA markers and samples into the wells of agarose and non-denaturing polyacrylamide gels.

It contains two tracking dyes, Xylene Cyanol FF and Orange G, for visualization of DNA migration on the gels. Orange G runs around 50 bp fragment in agarose gels, which provides much better tracking of DNA before it runs off the gel. Besides, Orange G does not result in formation of a dark shadow on the gel as Bromophenol Blue does, which runs around 400 bp fragment precisely where PCR fragments are likely to be.

## **Protocol**

1. Add 1 volume of *ClearBand* 6x DNA Loading Dye **Green** to 5 volume of your DNA sample.
2. Load into the wells of your gel.