

# ClearBand DNA Marker 1kb-Blue

500 µl/100 loads

Cat No: DM1000

**Shipping** : Ship at ambient temperature.

**Storage** : Store at 4°C for up to 3 months or -20°C for up to 24 months.

## General Information

**ClearBand DNA Marker 1kb-Blue** is a ready-to-load molecular weight marker suitable for DNA fragment size determination on gel electrophoresis.

PCR products and double-stranded DNA were digested with appropriate restriction enzymes to completion to yield 14 bands, ranging from 250 bp – 25 kb, for molecular weight standards in agarose gel electrophoresis. The 1000 and 3000 base pair bands have increased intensity to serve as quick reference points. Approximated mass of each DNA band is provided (for a loading size of 5 µl of the DNA ladder) for approximating the mass of DNA in comparably intense DNA samples of similar size.

## Protocol

1. Mix gently by pipetting up and down several times, then load 5 µl **ClearBand DNA Marker 1kb-Blue** directly into the gel well.

