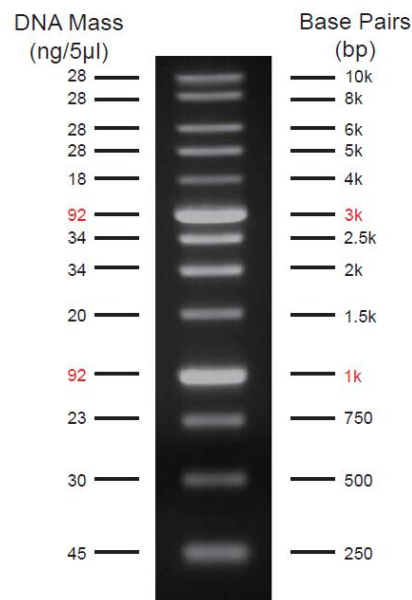


- Catalog : DM1K
- Package : 500  $\mu$ l
- Storage : Stable at 4°C for up to 6 months.  
For long term storage, store at -20°C (for up to three years).

Description	The DNA Ladder DM1K is composed of 13 individual DNA fragments: 10k, 8k, 6K, 5K, 4K, <b>3K</b> , 2.5K, 2K, 1.5K, <b>1K</b> , 750, 500, and 250 base pairs. This product contains two enhanced bands (3k and 1K bp) for easy reference.
Quality Control	<p>*Defined 13 bands are formed during the electrophoresis on the agarose gel.</p> <p>*No nuclease activity is observed by a direct nuclease activity assay.</p>
Application Note	<p>*The ladder is supplied in gel loading buffer and is ready to use. <b>Do not heat or dilute before loading.</b></p> <p>*This DNA Ladder was not designed for precise quantification of DNA mass, but can be used for approximating the mass of DNA by intensity comparison.</p>
Formulation	<p>The ladder is ready-to-use, which is premixed with loading buffer dye for direct loading on gel.</p> <p>10 mM Tris-HCl (pH 8.0), 10 mM Na-EDTA, 0.005% bromophenol blue, 0.005% xylene cyanol FF, and 10% glycerol.</p>

Instruction                      5  $\mu$ l per well is recommended.



For research use only.