

Loading Quick™

100bp DNA Ladder

Code No. **DNA-135**

Lot No. *********

Size **0.6mL**

Contents **Loading Quick™**
100bp DNA Ladder × 1

Product : A mixture of ten double-stranded DNA fragments ranging from 100bp to 1,000bp in exactly 100bp increments, and 1,500bp of double-stranded DNA fragments. The 500bp band has increased intensity relative to the other bands. The Loading Quick™ 100bp DNA Ladder was dissolved in 10mM Tris-HCl (pH8.0), 5mM NaCl, 10mM EDTA, 0.01% BPB, 0.02% Orange G and 5% glycerol.

Concentration : **0.025** μg / μL

Volume : **600** μL / tube

Fragment sizes	fragment No.	Number of Base Pairs(bps)	Concentration (ng/6μL)
	1	1,500	10
	2	1,000	10
	3	900	10
	4	800	10
	5	700	10
	6	600	10
	7	500	30
	8	400	10
	9	300	10
	10	200	15
	11	100	25

Contaminant assay (Nuclease assay) : After overnight incubation of 100bp DNA Ladder at 37°C, no visible degradation of banding pattern is observed on agarose gel electrophoresis analysis.

Recommended handling : 1. Centrifuge tube before opening to improve recovery of content.
 2. Load 6 μL of Loading Quick™ 100bp DNA Ladder per lane on agarose gels.

Note : Use 1.5~2 % agarose gels for good banding. Using 1% agarose gels may make lower bands faint.

