Loading Quick®
100bp DNA Ladder

Code No.	DNA−135
Lot No.	******
Storage Conditions	−20℃
Shipping Conditions	4℃
Size	0.6ml
Contents	Loading Quick® 100bp DNA Ladder×1

Certificate of Analysis

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℃, 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.