

Storage Conditions ( -20 °C)  
Shipping Conditions ( 4 °C)

# 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.			



**TOYOB CO., LTD.**

Life Science Department

2-8, Dojima Hama 2-chome, Kita-ku, Osaka, 530-8230, Japan  
 TEL : 06-6348-3786 FAX : 06-6348-3883  
 Technical Service : 06-6348-3888  
 [URL] <http://lifescience.toyobo.co.jp/>

information

F1690H