

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

Loading Quick™ DNA Mass Ladder

Code No. **DNA-134**
 Lot No. *********
 Size **0.5 mL**
 Contents **DNA Mass Ladder × 1**

Product	:	A mixture of 14 double-stranded DNA fragments ranging from 200bp to 10,000bp. The DNA Mass Ladder was dissolved in 10mM Tris-HCl (pH8.0), 5mM NaCl, 10mM EDTA, 5% glycerol, and 0.05% bromophenol blue.		
Concentration	:	0.14	μg / μL	
Volume	:	500	μL / tube	(50μg / tube)
Fragment sizes	:	fragment No.	Number of Base Pairs(bps)	Concentration (ng/5μL)
		1	10,000	100
		2	8,000	80
		3	6,000	60
		4	5,000	50
		5	4,000	40
		6	3,000	30
		7	2,500	25
		8	2,000	20
		9	1,500/1,515	30
		10	1,000	100
		11	800	80
		12	600	60
		13	400	40
		14	200	20
Contaminant assay (Nuclease assay)	:	After overnight incubation of DNA Mass Ladder at 37°C, no visible degradation of the marker is observed after agarose gel electrophoresis.		
Recommended handling	:	<ol style="list-style-type: none"> 1. Centrifuge tube before opening to improve recovery of content. 2. Mix the marker extremely well before use by pipetting and vortexing. 3. Load 5 μL of the DNA Mass Ladder per lane on agarose gels. 		


TOYOB CO., LTD.

Life Science Department

 2-8, Dojima Hama 2-chome, Kita-ku, Osaka, 530-8230, Japan
 TEL : 06-6348-3786 FAX : 06-6348-3833
 Technical Service : 06-6348-3888
 [URL] <http://lifescience.toyobo.co.jp/>