

Catalog No.: **M10820**

Product Name: **1Kb Plus DNA Ladder**

Size: 1000µl

Description: **1Kb Plus DNA Ladder** contains 14 fragments ranging from 100bp to 20kb. It is a complete and convenient DNA ladder for many molecular biology experiments that need DNA sizing in the gel, such as restriction analysis and PCR. It is in a ready-to-loading format and a 5µl loading will yield a minimum of 30ng DNA in any single DNA band. The intensity been increased for the bands of 1kb, 3kb, 6kb and 20kb, yielding the internal reference indicators easily recognized in the gel.

Storage: Store at -20°C.

Concentration: 717ng/5µl

Loading Buffer Composition:

10mM Tris-HCl
1mM EDTA (pH 8.0)
0.02% Bromophenol blue
0.02% Xylene cyanol
5% Glycerol

Usage: Add at least 5µl **1Kb Plus DNA Ladder** directly to wells designated for DNA markers. You may load more than 5µl of ladder, depending on well size and DNA dye used to visualize the bands.

***This product is for
research use only.***



**1Kb Plus DNA
Ladder**
run on a 0.8%
agarose gel
in 1X TBE buffer.

Related products	Catalog No.
• 100bp DNA Ladder	M107
• Agarose (Standard-Agarose)	A113
• DNA SafeStain	C138
• DNA SafeStain Plus	C139

Product	Size	Catalog No.	Unit Price
1 Kb DNA Ladder I	200	M101-1	\$ 44
	500	M101-2	\$ 96
	200	M101A-1	\$ 44
	500	M101A-2	\$ 96