

Catalog No.: M108-5

Product Name: 1Kb DNA Ladder

Kit contents: 1Kb DNA Ladder : 5X 1000 μ l
6X DNA loading Buffer: 1000 μ l

Description: **1Kb DNA Ladder** is a proprietary mixture of several plasmids digested to completion with specific restriction enzymes to produce a ladder with 11 fragments ranging from 0.5-10.0Kb, producing the most complete and convenient ladder in the 1Kb DNA ladder family. The intensity of the some bands has been increased to yield internal reference indicators. 6 μ l will yield at least of 30ng DNA in any single DNA band.

Storage: Store at -20°C.

Concentration: 500ng/6 μ l

Loading Buffer Composition:

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

Usage: Add 6 μ l **1Kb DNA Ladder** directly to wells designated for markers. You may need more than 6 μ l of ladder, depending on well size and level of dye used to visualize the bands.



1Kb DNA Ladder II
500ng
0.8% agarose gel

Related products	Catalog No.
• 100bp DNA Ladder	M107
• Agarose (Standard-Agarose)	A113
• DNA SafeStain	C138
• Ultra Bright LED Transilluminator	SLB-01
• UltraSlim® LED Illuminator	LB-16

This product is for research use only.