1 Kb DNA Ladder (dye added)

Containing bromophenol blue as tracking dyes

Cat. No. DL0505

Size: 50µg / 500µl

Store at -20°C

Description

A unique combination of PCR products and a number of proprietary plasmids were digested with appropriate restriction enzymes to yield 13 fragments suitable for use as molecular weight standards for agarose gel electrophoresis. The mixture includes fragments ranging from 250-10,000 base pairs. The 1K and 3K bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 µg a load) for approximating the mass of DNA in comparably intense samples of similar band size.

Source:

PCR products and double-stranded DNA digested with appropriate restriction enzymes; phenol extracted and equilibrated to 10 mM Tris-HCl (pH 8.0) and 1 mM EDTA.

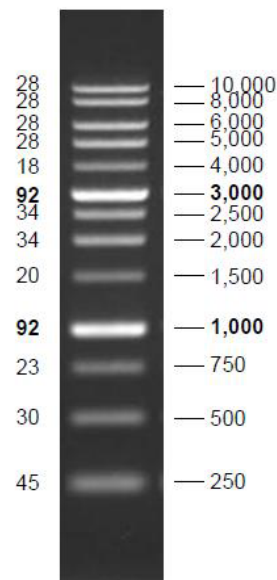**Range:** 250-10,000 bp

Number of bands: 13

Concentration: 100 µg/ml
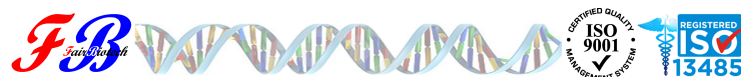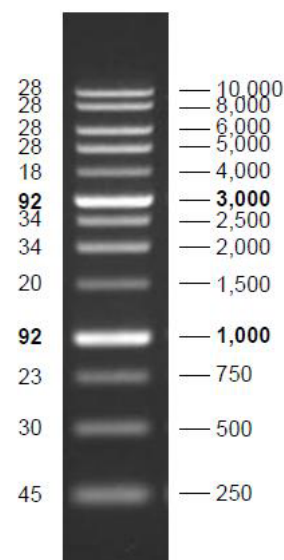
Recommended Load: 0.5 µg (5 µl)

For research use only

DNA Mass (ng/5µl) — **Base Pairs**

DNA Mass (ng/5µl)	Base Pairs
28	10,000
28	8,000
28	6,000
28	5,000
18	4,000
92	3,000
34	2,500
34	2,000
20	1,500
92	1,000
23	750
30	500
45	250

1% TAE agarose gel