

MidRanger 1kb DNA Ladder - 100 loads

Ladder Properties:

- Ten discrete fragments ranging from 300 bp to 5000 bp

| Fragment | Size (bp) | Mass (ng) |
|----------|-----------|-----------|
| 1 | 5000 | 88 |
| 2 | 4000 | 78 |
| 3 | 3000 | 67 |
| 4 | 2500 | 58 |
| 5 | 2000 | 50 |
| 6 | 1500 | 43 |
| 7 | 1000 | 25 |
| 8 | 700 | 34 |
| 9 | 500 | 33 |
| 10 | 300 | 24 |

Recommended Use:

Mix thoroughly. For best results, load 10 μ L of DNA ladder per well. For precise mass determination with a densitometer, stain gel after electrophoresis using 0.5 μ g/mL ethidium bromide for 30-40 minutes. The table above shows the size and mass for each band based on 10 μ L ladder per well.