

## PCR Ranger 100 bp DNA Ladder - 100 loads

### Ladder Properties:

- Eleven discrete bands, ranging from 50 bp to 1,000 bp
- Higher intensity band at 500 bp for easy reference

Fragment	Size (bp)	Mass (ng)
1	1000	91
2	900	66
3	800	61
4	700	51
5	600	43
6	500	70
7	400	28
8	300	23
9	200	30
10	100	22
11	50	15

### Recommended Use:

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