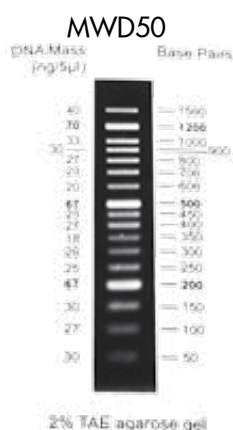


# FastGene® DNA Ladder

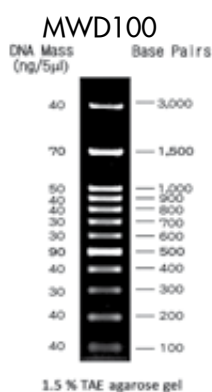
## Molecular Weight Marker



A unique combination of PCR products and a number of proprietary plasmids were digested with appropriate restriction enzymes to yield the perfect number of fragment, creating ladders that are perfect to be used as molecular weight standards for agarose gel electrophoresis. They come ready-to-use, mixed already with a loading dye.

### For each application the right ladder

The FastGene® DNA ladders were developed for different applications: The **MWD 50** was designed for the most accurate discrimination of small PCR products, with 50 bp steps up to 500 bp. The **MWD 100** is the perfect ladder for everyday use. The ladder with 12 fragments starts at 100 bp, therefore being suitable even for small qPCR products, and goes up to 3000 bp so that the sizes of small plasmids and big PCR products can be determined. For very large products and plasmids, Nippon Genetics Europe offers the **MWD1**. The ladder starts at 250 bp and goes up to 10.000 bp.

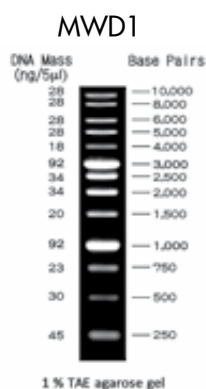


### Stable even at room temperature

All of our DNA Ladders are extremely stable. The stability tests show that the ladders are stable for at least 12 months at 25°C. For long term storage, store at 4°C to -20°C.

### Dyes for easy tracking

All our ladders have tracking dyes and loading dyes included, so that the movement of the DNA can be tracked and the optimal stopping point be determined.



### Specification & Ordering Information

Cat. No.	MWD50	MWD100	MWD1
Description	50 bp Ladder	100 bp Ladder	1 kb Ladder
Range / bp	50 - 1500	100 - 3000	250 - 10 000
Number of Bands	17	12	13
Reference Bands	3 (200, 500, 1200)	2 (500 & 1500)	2 (1000 & 3000)
Loading Dye	Orange G	Orange G & Xylene cyanol FF	Bromphenol blue
Content	56 µg in 500 µl	50 µg in 500 µl	50 µg in 500 µl
Recommended load	5 µl		