

FastGene® DNA Markers

The right marker for each application

The FastGene® DNA Markers were developed for different applications: MWD50 is suitable for accurate size estimation of small PCR products, from 50 bp up to 1,500 bp. MWD100 contains 12 fragments from 100 bp up to 3,000 bp, for size determination of small plasmids and larger PCR products. MWD1P was developed for very large fragments and plasmids, starting from 100 bp and going up to 10,000 bp.

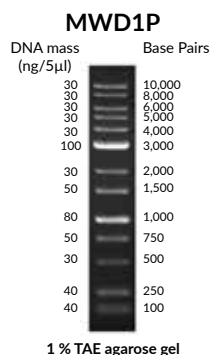
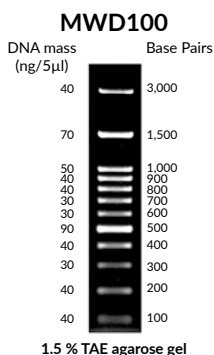
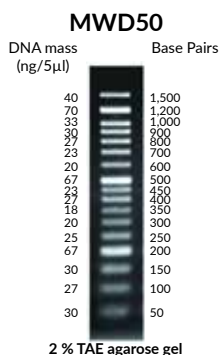
- ✓ **Molecular weight markers for each application**
- ✓ **Sharp and well defined DNA bands**
- ✓ **Loading dye is included**

High stability at room temperature

FastGene® DNA Markers MWD100 and MWD1P are extremely stable. Stability tests show that the DNA ladders can be used for at least 12 months at 25 °C. For long term storage, the markers can be stored at 4 °C or -20 °C.

Easy electrophoresis tracking

The DNA markers include a loading dye for easy application on the agarose gel, as well as a tracking dye. With the tracking dye, the movement of the DNA can be visualized and the optimal electrophoresis stopping point can be determined.



SPECIFICATIONS

Cat. No.	MWD50	MWD100	MWD1P
Description	50 bp Ladder	100 bp Ladder	1 kb Ladder
Range / bp	50 - 1,500	100 - 3,000	100 - 10,000
Number of bands	17	12	13
Reference bands	3 (200, 500, 1,200)	2 (500 & 1,500)	2 (1,000 & 3,000)
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	5 µl	5 µl

Ordering information

Cat. No.	Product	Content
MWD50	FastGene® 50 bp Standard DNA Marker	500 µl
MWD100	FastGene® 100 bp Standard DNA Marker	500 µl
MWD1P	FastGene® 1 kb Standard DNA Marker Plus	500 µl