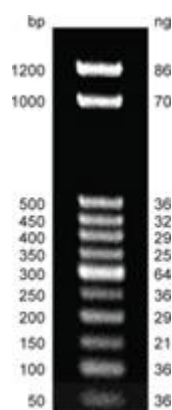


DNA Molecular Weight Markers

The **ZR DNA Markers™** are created as defined size fragments that encompass a range of sizes from 50 bp up to 10 kb. This makes DNA size approximation easy for both PCR products as well as plasmid DNAs. The **ZR 50 bp DNA Marker™**, ranging from 50 bp to 1200 bp, is well within the common range of PCR generated DNA fragments. For larger DNAs, the **ZR 100 bp DNA Marker™** and **ZR 1 kb DNA Marker™** are appropriate. Each marker comes with product information detailing the product and its application.



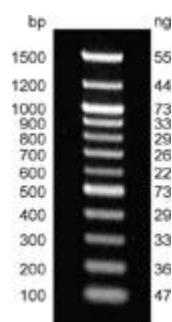
ZR 50 bp DNA Marker™

The 50 bp DNA marker consists of plasmid DNA that has been digested with endonucleases yield 12 defined fragments that range in size from 50 - 1200 bp. The intensity of the 300 bp band is increased as an identifier.

Catalog No.	Ladder Size	Amount
M5001-50	50 bp	50 µg/100 µl
M5001-200	50 bp	200 µg/400 µl

Ready-to-Load ZR 50 bp DNA Marker

Catalog No.	Ladder Size	Amount
M5004-50	50 bp	50 µg/600 µl (100 Loadings)



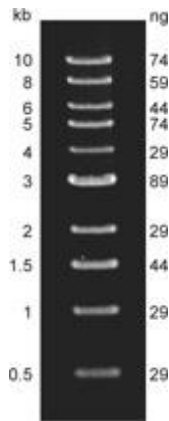
ZR 100 bp DNA Marker™

The 100 bp DNA marker consists of plasmid DNA that has been digested with endonucleases yield 12 defined fragments that range in size from 100 - 1500 bp. The intensity of the 500 bp and 1000 bp bands are increased as identifiers.

Catalog No.	Ladder Size	Amount
M5002-50	100 bp	50 µg/100 µl
M5002-200	100 bp	200 µg/400 µl

Ready-to-Load ZR 100 bp DNA Marker

Catalog No.	Ladder Size	Amount
M5005-50	100 bp	50 µg/600 µl (100 Loadings)



ZR 1 kb DNA Marker™

The 1 kb DNA marker consists of plasmid DNA that has been digested with endonucleases to yield 10 defined fragments that range in size from 0.5 - 10 kb. The intensity of the 3 kb band is increased as an identifier.

Catalog No.	Ladder Size	Amount
M5003-50	1 kb	50 µg/100 µl
M5003-200	1 kb	200 µg/400 µl

Ready-to-Load ZR 1 kb DNA Marker

Catalog No.	Ladder Size	Amount
M5006-50	1 kb	50 µg/600 µl (100 Loadings)