

WideRange GenLadder

Synthetic DNA Size Marker with fragments from 100bp to 50000bp.

Product	Cat#	Package size
WideRange GenLadder	M3070.0200	1 x 200µg
HighRange GenLadder	M3071.0150	1 x 150µg

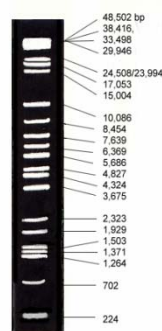
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Description

The Genaxxon bioscience WideRange GenLadder is an ideal DNA size marker for fragments sizes from 100bp up to 50000bp.

This range is perfect suited for gene mapping and RFLP analysis.

The marker is made from carefully purified Lambda (+ strand) DNA, digested with various restriction enzymes, and modified to prevent re-annealing of linear double-stranded DNA.



0.35% agarose
 Wide-range Marker

Fragment sizes

48502 bp	5686 bp
38416 bp	4827 bp
33498 bp	3675 bp
29964 bp	2323 bp
24508 bp	1503 bp
23994 bp	1264 bp
15004 bp	702 bp
10086 bp	224 bp
8454 bp	100 bp
7639 bp	

Stability and Storage

Very stable in the delivered form at a constant temperature of -20°C.

It is not recommended to thaw and freeze. Repeat thaw-freeze cycles (> 10 times) will harm the DNA-marker.

Store the DNA-marker at -20°C.

Concentration

Marker is dissolved in loading buffer with dye.

Storage buffer: 10mM EDTA, 10% Glycerol, 0.015% bromophenol blue, 0.15% SDS.

The total concentration of the DNA-Marker is about 0.1µg / 1µL.

Loading

We recommend to load 0.5 – 1.0µg (5 – 10µL) per lane

Related Products

Product	Cat#	Package size
100 bp ladder dissolved in buffer without dye	M3082	50 µg; 250 µg
100 bp + 1.5 kbp ladder dissolved in buffer with dye	M3094	50 µg; 250 µg
100 bp + 1.5 kbp ladder dissolved in buffer without dye	M3340	50 µg; 250 µg
1 kbp ladder dissolved in buffer without dye	M3084	50 µg; 250 µg
1 kbp ladder dissolved in buffer with dye	M3328	50 µg; 250 µg

Genaxxon BioScience offers DNA-Polymerases, modifying enzymes, agaroses and dNTPs.

Please visit our web-page for details: www.genaxxon.com.

HighRange GenLadder

Synthetic DNA Size Marker with fragments from 1500bp to 50000bp.

Product	Cat#	Package size
WideRange GenLadder	M3070.0200	1 x 200 µg
HighRange GenLadder	M3071.0150	1 x 150 µg

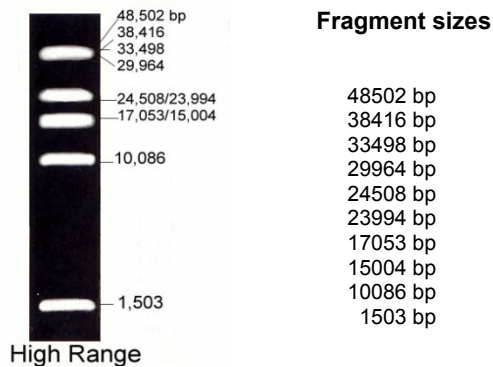
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Description

This GenLadder is an ideal DNA size marker for fragments sizes from 220bp up to 50000bp.

This range is perfect suited for gene mapping and RFLP analysis.

The marker is suited for evaluating large fragments >10 kb in length. This combination of several single-cut λ digests has fragments ranging in size from 1.5 to 48.5kb.



Stability and Storage

Very stable in the delivered form at a constant temperature of -20°C.

It is not recommended to thaw and freeze. Repeat thaw-freeze cycles (> 10 times) will harm the DNA-marker.

Store the DNA-marker at -20°C.

Concentration

Marker is dissolved in loading buffer with dye.

Storage buffer: 10mM EDTA, 10% Glycerol, 0.015% bromophenol blue, 0.15% SDS.

The total concentration of the DNA-Marker is about 0.1µg / 1µL.

Loading

We recommend to load 0.5 – 1.0µg (5 – 10µL) per lane

Related Products

Product	Cat#	Package size
100 bp ladder	M3082	50 µg; 250 µg
100 bp + 1.5 kbp ladder dissolved in buffer with dye	M3094	50 µg; 250 µg
100 bp + 1.5 kbp ladder dissolved in buffer without dye	M3340	50 µg; 250 µg
1 kbp ladder dissolved in buffer without dye	M3084	50 µg; 250 µg
1 kbp ladder dissolved in buffer with dye	M3328	50 µg; 250 µg

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