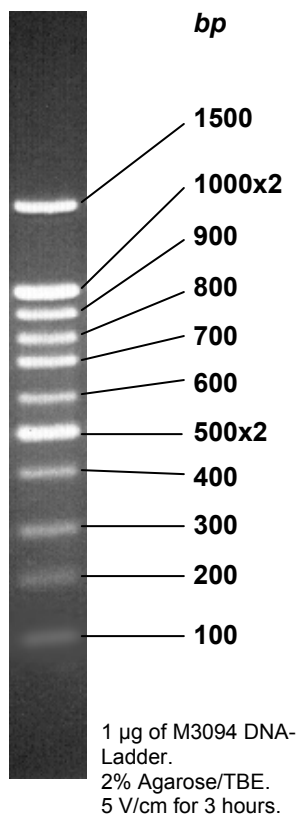


GenLadder 100bp + 1.5kb

Synthetic DNA Size Marker with fragments from 100 bp to 1kb plus one additional band at 1.5 kb without loading dye.

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Product	Cat#	Package size
GenLadder 100bp + 1.5kbp	M3340.0050	1 x 50µg
GenLadder 100 bp + 1.5kbp	M3340.5050	5 x 50µg
GenLadder 100 bp + 1.5kpb	M3340.0250	1 x 250µg



Description

The Genaxxon BioScience 100bp + 1.5kb Ladder is an ideal DNA size marker for fragments sizes from 100bp up to 1000bp of linear double-stranded DNA. All bands light up with the same intensity, except the 500bp band and the 1000bp band, which light up twice as bright for better orientation. Each band is exact with respect to DNA size. No ambiguous bands are visible.

The difference between each band up to 1000bp is exactly 100bp.

Fragment sizes

Fragment sizes	DNA masses at 1µg
100bp	44 ng / 10 µL
200bp	44 ng / 10 µL
300bp	33 ng / 10 µL
400bp	44 ng / 10 µL
500bp (2x)	100 ng / 10 µL
600bp	66 ng / 10 µL
700bp	77 ng / 10 µL
800bp	88 ng / 10 µL
900bp	99 ng / 10 µL
1000bp	210 ng / 10 µL
1500bp (2x)	210 ng / 10 µL

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 RT.

Concentration

Marker is dissolved in buffer without dye.

The total concentration of the DNA-Marker is about 0.2µg / 1µL.

Loading

We recommend to load 1µL - 2µL (0.2 - 0.4µg) per lane.

Related Products

Genaxxon bioscience offers also different DNA-Polymerases, Agaroses and dNTPs. Please visit our web-page for details: www.genaxxon.com.