



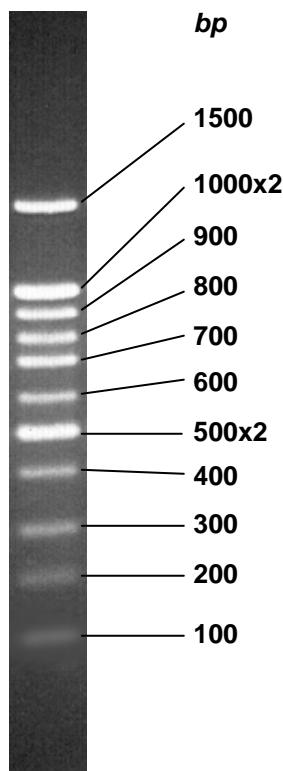
Genaxxon BioScience

GenLadder 100bp + 1.5kb

Synthetic DNA Size Marker with fragments from 100 bp to 1 kb plus one additional band at 1.5 kb. DNA-Ladder with loading dye.

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Product	Cat#	Package size
GenLadder 100 bp + 1.5 kbp (with loading dye)	M3094.0050	1 x 50 µg
GenLadder 100 bp + 1.5 kbp (with loading dye)	M3094.5050	5 x 50 µg
GenLadder 100 bp + 1.5 kpb (with loading dye)	M3094.0250	1 x 250 µg



Description

The Genaxxon BioScience 100 bp + 1.5kb Ladder is an ideal DNA size marker for fragments sizes from 100 bp up to 1000 bp 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 1 µg
100bp	20 ng/10 µl
200bp	20 ng/10 µl
300bp	30 ng/10 µl
400bp	50 ng/10 µl
500bp (2x)	150 ng/10 µl
600bp	80 ng/10 µl
700bp	70 ng/10 µl
800bp	110 ng/10 µl
900bp	120 ng/10 µl
1000bp	200 ng/10 µl
1500bp (2x)	150 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 -20°C.

Concentration

Marker is already dissolved in buffer without dye. The total concentration of the DNA-Marker is about 0.15 µg / 1 µl.

Loading

We recommend to load 0.5 – 1.0 µg (3 – 5 µl) per lane.

Related Products

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