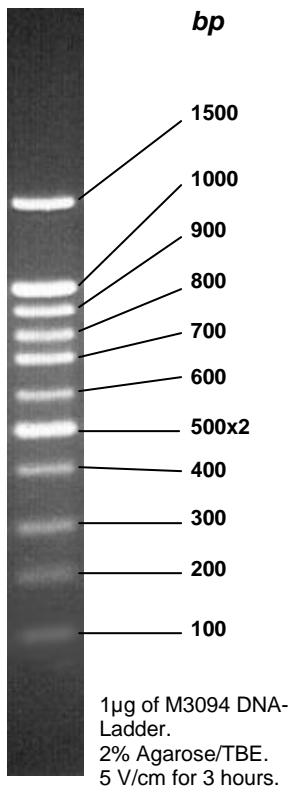


GenLadder 100bp + 1.5kb

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

Product	Cat#	Package size
GenLadder 100bp + 1.5kbp with loading dye	M3094.0050	1 x 50µg
GenLadder 100bp + 1.5kbp with loading dye	M3094.5050	5 x 50µg
GenLadder 100bp + 1.5kpb with loading dye	M3094.0250	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, 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	40 ng/5 µL
200bp	44 ng/5 µL
300bp	50 ng/5 µL
400bp	36 ng/5 µL
500bp (2x)	81 ng/5 µL
600bp	30 ng/5 µL
700bp	41 ng/5 µL
800bp	41 ng/5 µL
900bp	46 ng/5 µL
1000bp	51 ng/5 µL
1500bp	40 ng/5 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 with dye.

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

Loading

We recommend to load 0.5 - 0.6µg (5 - 6µL) per lane in case of staining with Ethidium bromide.

We recommend to load 0.1 - 0.2µg (1 - 2µL) per lane in case of staining with [GelRed \(M3199\)](#).

Related Products

Genaxxon bioscience offers also different [DNA-Polymerases](#), [Agaroses](#) and [dNTPs](#).

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