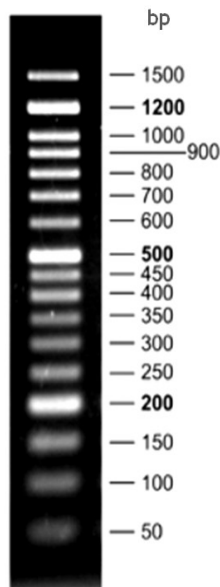


GenLadder 50bp Plus (ready-to-use)

Synthetic DNA Size Marker with fragments from 50bp to 1.5kbp

Component	Cat#	M3072.0050 50µg	M3072.5050 5x 50µg	Colour code of cap
GenLadder 50 bp Plus (ready-to-use)		500µL	5x 500µL	orange



2% TAE
agarose gel

Description

The Genaxxon bioscience 50bp Ladder is an ideal DNA size marker for fragments sizes from 50bp up to 1500bp of linear double-stranded DNA. All bands light up with the same intensity except the bands at 200bp, 500bp and 1200bp which are brighter for better orientation. Each band is exact with respect to DNA size. No ambiguous bands are visible.

Fragment sizes and DNA amount per lane

Fragment sizes

50bp (30ng/5µL)
 100bp (27ng/5µL)
 150bp (30ng/5µL)
 200bp (2X) (67ng/5µL)
 250bp (25ng/5µL)
 300bp (20ng/5µL)
 350bp (18ng/5µL)
 400bp (27ng/5µL)
 450bp (23ng/5µL)
 500bp (2X) (67ng/5µL)

Fragment sizes

600bp (20ng/5µL)
 700bp (23ng/5µL)
 800bp 27ng/5µL)
 900bp (30ng/5µL)
 1000bp (33ng/5µL)
 1200bp (2X) 70ng/5µL)
 1500bp (40ng/5µL)

Stability and Storage

Very stable in the delivered form at a constant temperature of -20°C.
 The DNA-marker can also be stored at ambient temperature.
 Repeated freeze - thaw-cycles (>5 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.

Tracking Dye:

The marker contains Orange G as tracking dye.

Usage

We recommend loading 0.5µg (5µL) per lane.

Related Products

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