

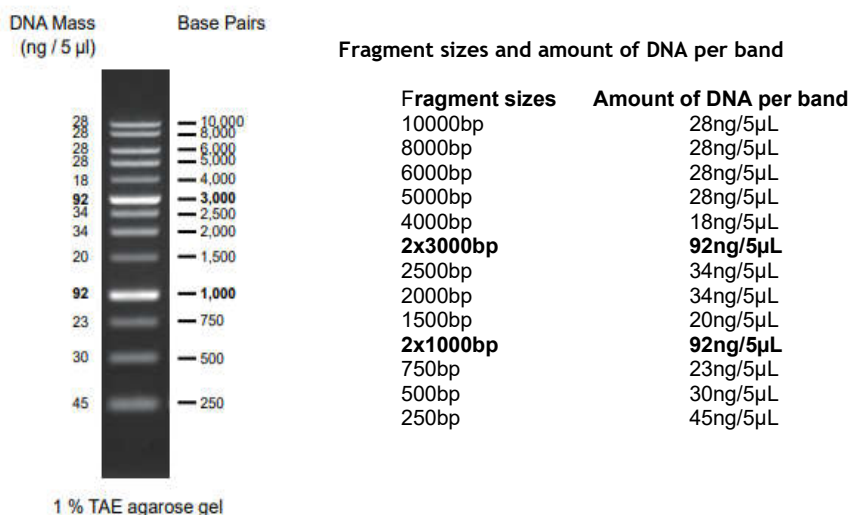
GenLadder 1kb (ready-to-use) DNA-Marker

Ready-to-use synthetic DNA Size Marker with fragments from 250bp to 10000bp.

Component	Cat#	M3328.0050 50µg	M3328.5050 250µg	M3328.0250 250µg	Colour code of cap
GenLadder 250bp - 10kbp ready-to-use*		500µL (0.1µg/µL)	5x 500µL (0.1µg/µL)	2.5mL (0.1µg/µL)	blue

Description

This GenLadder is an ideal DNA size marker for fragments sizes from 250bp up to 10000bp. It is pre-mixed, ready-to-use containing a dye which serves as visual aids for monitoring the progress of migration during gel electrophoresis. This DNA marker consists of linear double-stranded DNA. All bands light up with the same intensity with the exception of the 1000bp and 3000bp band, which have increased intensity relative to the other bands to improve the correlation possibilities of each band. Each band is exact with respect to DNA size. No ambiguous bands are visible.



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 containing bromophenol blue and xylene cyanol FF as tracking dyes.

Storage buffer: 10mM Tris-HCl, pH 7.5, 1mM EDTA, 10mM NaCl, 6 % Glycerol, 0.05 % Xylene Cyanol, 0.05 % Bromophenol-blue. The total concentration of the DNA marker is about 0.1µg/1µL.

Loading

We recommend loading 0.5 - 0.6µg (5 - 6µL) per lane

Related Products

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

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