

1kb Plus DNA Ladder, ready-to-use, 100 lanes(0.1mg/ml)

Product:	1kb Plus DNA Ladder, ready-to-use
CATALOG:	BH0100-0050
Quantity:	50µg
Concentration:	0.1mg/ml
Supplied with:	1ml of 6X Orange DNA Loading Dye
Storage Condition:	-20°C

DESCRIPTION

1kb DNA Ladder Plus, ready-to-use, is designed for the sizing and quantification of DNA fragments in agarose gels. The ladder is composed of fifteen chromatography-purified individual DNA fragments (in base pairs): 20000, 10000, 7000, 5000, 4000, 3000, 2000, 1500, 1000, 700, 500, 400, 300, 200, 75. It contains three reference bands (5000, 1500 and 500bp) for easy orientation. The ladder is ready-to-use – it is premixed with the 6X Orange DNA Loading Dye for direct loading on gel.

Storage and Loading Buffer

10mM Tris-HCl (pH 7.6), 10mM EDTA, 0.025% orange G, 0.005% xylene cyanol FF and 10% glycerol.

6X Orange DNA Loading Dye

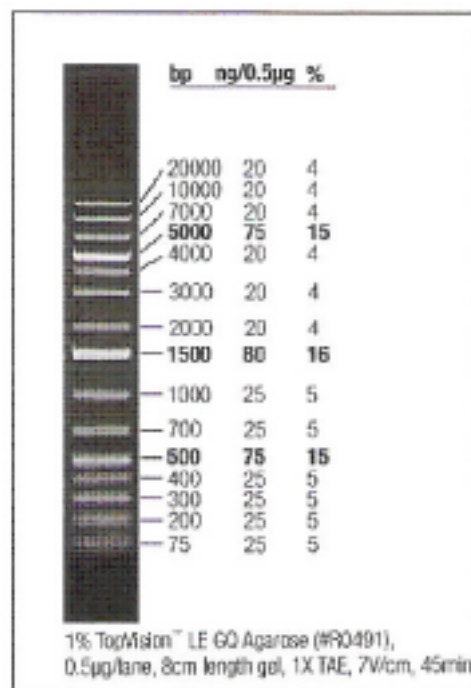
10mM Tris-HCl (pH 7.6), 0.15% orange G, 0.03% xylene cyanol FF, 60% glycerol and 60mM EDTA.

Quality control Assay Data

Well-defined bands are formed during agarose gel electrophoresis. The absence of nucleases is confirmed by a direct nuclease activity assay.

Product Use Limitation

This product has been developed for research purposes and in vitro use only. This product has not been tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.



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