

# Technical Data Sheet

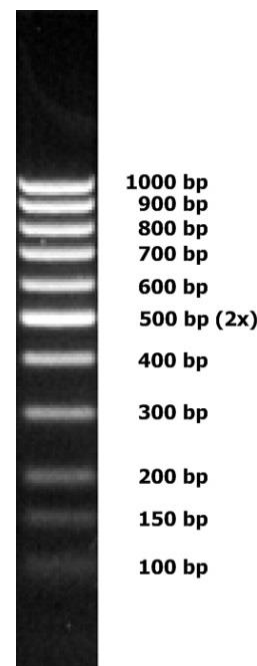
## DNA Ladder 100 bp (lyophilized)

for molecular biology

Order number: 1530

DNA Ladder 100 bp (lyophilized) is a size standard for gel electrophoresis for small and medium-sized DNA-fragments. The DNA ladder shows 11 major DNA bands between 100 bp and 1000 bp. The fragments have been generated using EcoR I. The DNA Ladder is deproteinized, desalted and lyophilized. To prevent repeated thawing and freezing set up aliquots after setting up the marker. DNA Ladder 100 bp (lyophilized) is provided with a separate 1 X Gel loading buffer containing

10 mM	Tris/HCl pH 7.5
5 mM	Na-Acetate
2 mM	EDTA
10 %	Glycerol
0.02 %	Bromo phenol blue
0.015 %	Xylene cyanol blue



### Application

Take up the lyophilized product in the sterile 1 X Gel loading buffer or for additional marking of the EcoR I site in sterile distilled water. Leave the marker for 10 min at room temperature and shake it gently from time to time. Recommendations for loading: Apply 0.4 µg to 0.8 µg per well of a mini- or midi-Gel. Apply more for thicker (> 1.5 mm) or larger gels.

### Related products

1254	Ethidium bromide - Solution 0.07 % dropping bottle for electrophoresis
1110	Agarose Basic for biochemistry
1133	dsDNA-Stain nontoX for molecular biology
1018	SYBR Green® staining reagent, DNA free for biochemistry
1303	TBE buffer (10X) for electrophoresis
1255	TAE buffer (50X) for electrophoresis
1159	Water PCR tested, DNA free for molecular biology

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