



Limited liability company

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## DNA ladder Step100+50

Cat. No. S- 8150

### Description

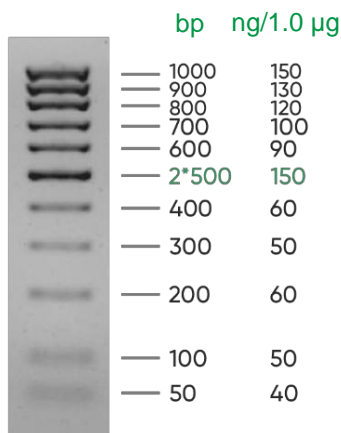
**DNA ladder Step100+50** is suitable for using as a standard for estimating of length and quantity analysis of double stranded DNA molecules from 50 to 1000 bp in agarose gel. Prepared from a plasmid DNA, ladder contains 11 DNA fragments. For easy reference on agarose gels, the 500 bp fragment is concentrated.

**DNA ladder Step100+50 is ready- to- use.** This ladder can be stained with intercalating agents as ethidium bromide or SYBR Green Dye.

### DNA molecular weight markers

Cat.	Product	Description	Pack size
S- 8150	<b>DNA ladder Step100+50</b>	Consist of 11 DNA fragments: 50, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 bp. <b>Ready- to- use.</b>	50 µg

DNA ladder Step100+50 visualized by ethidium bromide staining on a 2% TAE agarose gel:



DNA ladder concentration: 0.1 mg/ml.

Storage buffer: 10 mM Tris- HCl (pH 8.0), 5 mM EDTA, 12.5% glycerol, 0.008% bromophenol blue, 0.008% xylencyanol.

Recommendations for use:

this ladder is ready- to- use;

apply 2- 5 µl of ready- to- use **DNA ladder**

**Step100+50** on a 5 mm lane of the agarose gel;

visualize the DNA bands by ethidium

bromide or SYBR Green staining.

Storage conditions: - 20°C / 12 months.

2% agarose  
1\* TAE, 2.5 µl