



Limited liability company

«Biolabmix»

TIN 5408278957 CAT 540801001

630090, Novosibirsk obl., Novosibirsk,

st. Injenernaya, building № 28

Tel/Fax: +7(383)363-51-91, Tel: +7(383)363-22-40

E-mail: sales@biolabmix.ru

## DNA ladder Step 100 Long

Cat. No. S-8103

### Description

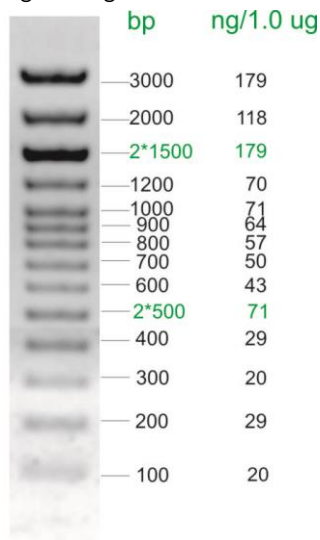
**DNA ladder Step 100 Long** is suitable for using as a standard for estimating of length and quantity analysis of double stranded DNA molecules from 100 to 3000 bp in agarose gel. Prepared from a plasmid DNAs, ladder contains 14 DNA fragments from 100 to 3000 bp. For easy reference on agarose gels, the 500 bp and 1500 bp fragments are double-concentrated.

**DNA ladder Step 100 Long 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-8103	<b>DNA ladder Step 100 Long</b>	Consist of 14 DNA fragments: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000 and 3000 bp. <b>Ready-to-use.</b>	50 µg

DNA ladder Step 100 Long 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 3-5 µl of ready-to-use **DNA ladder Step 100 Long** 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