

### 50 bp DNA Ladder (ready-to-use)

#### Description:

50 bp DNA Ladder ready-to-use is used for determining the size of double-stranded DNA from 50 to 1000 base pairs on agarose gels. The 500 bp fragment and 250 bp fragment are present at increased intensity to allow easy identification. 50 bp DNA Ladder is supplied in storage buffer with additional dye for easy and direct application to the gel. 5x DNA Loading Buffer can be used to add dye to the testing samples in a final concentration of 1x.

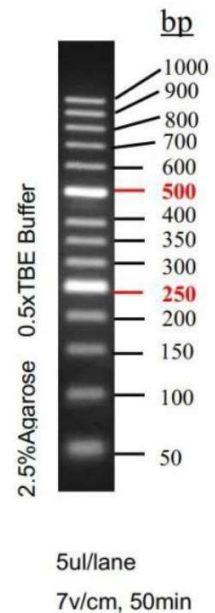
**Number of fragments:** 14 (blunt-end), stored in 1x Buffer

#### DNA fragments length (bp):

1000, 900, 800, 700, 600, 500, 400, 350, 300, 250, 200, 150, 100, 50

**Usage recommendation:** 5 µl per lane

**Storage:** -18 to -22 °C (long-term)  
+2 to +4 °C (up to 6 months)



REF	304520	colour
50 bp DNA Ladder ready-to-use	500 µl	transparent
5x DNA Loading Buffer	1 ml	transparent

Concentration gradients may form in frozen product. Mix well before using the DNA ladder.

**Do not heat the ladder above 37 °C!**

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