



100b RNA Ladder (100b - 1,000b)

Catalogue Number: 15002 (2 x 25 Loads)

Description:

The Norgen 100b RNA ladder is a set of RNA transcripts derived from recombinant DNA templates. This ladder is suitable for precise sizing of small RNA molecules using native or denaturing agarose gels, and can be easily visualized under UV.

Specifications:

- Eight discrete bands, ranging from 100 to 1,000 bases.
- Higher intensity band at 500 bases for easy reference.

Contents:

- Two vials of lyophilized RNA ladder (25 loads each).
- 1x loading buffer: 33.3% formamide, 11.7% formaldehyde, 0.012% bromophenol blue, 0.05mM EDTA, 0.012% ethidium bromide, and 0.7x MOPS solution.
- 2x sample loading buffer.

Instructions:

To reconstitute the lyophilized RNA ladder, add 250 μ L of 1x loading buffer to each 25 loads vial and vortex gently. Heat at 80°C for 10 minutes. Incubate on ice for 1 min. Load 10 μ L on a 1.5-2% gel. For optimal results, use Norgen 2x loading buffer with each RNA sample. No need for staining and destaining of denaturing gels since Norgen's loading buffer contains ethidium bromide. Store at -20°C.

Tech support: techsupport@norgenbiotech.com

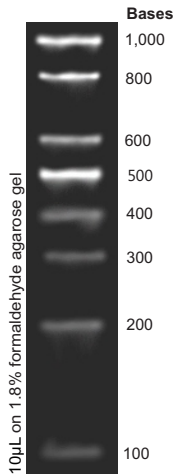
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100b RNA Ladder, Lyophilized
(100b - 1,000b)
Catalogue Number: 15002 **50 Loads**



Rev # V0205

