

TECHNICAL SHEET:

50bp DNA Ladder

Ref : AD03 Size : 50T Storage: -20 °C

Description:

50bp DNA Ladder (premixed with 1×DNA loading buffer) is suitable for sizing linear double-stranded DNA fragments from 50bp to 500bp. The DNA ladder consists of 8 double-stranded DNA fragments with sizes of 50bp, 100bp, 150bp, 200bp, 250bp, 300bp, 400bp, 500bp. The intensity of 250bp is 2 times higher than the other fragments and services as determination of electrophoresis result.

Appearance: Liquid

Protocol :

- 1- Load 5µl DNA Ladder on the agarose gel lane (load 1µl marker for 1 mm lane, Increase the loading volume for wider lane).
- 2- Suggested electrophoresis conditions: 1%-2% agarose gel, voltage 4-10 v/cm, 30-40min.
- 3- Stained with GoldView (EH-06-03), visualize the bands under exposure to ultraviolet light.

Note:

Please change the electrophoresis buffer in time and use freshly prepared

