

TECHNICAL SHEET:

100bp plus DNA Ladder

Ref : AD01 Size : 50T Storage: -20 °C

Description:

The 100bp DNA Ladder consists of eleven DNA fragments ranging from 100bp to 5000bp (100bp, 200bp, 300bp, 400bp, 500bp, 600bp, 700bp, 800bp, 900bp, 1000bp, 1500bp, 2000bp, 3000bp, 5000bp) the 500bp fragments is 100ng/5 μ l, others are all 50ng/5 μ l), Enhanced intensity of 500bp fragment was designed for clear determination of electrophoresis result. Since this product is premixed with loading dyes and glycerol. It is possible to apply this product to gel electrophoresis directly.

Protocol :

- 1- Load 5 μ l 100bp DNA Ladder on the agarose gel lane (load 1 μ l 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 (ref/EH06-03), visualize the bands under exposure to ultraviolet light.

Note:

Please change the electrophoresis buffer in time and use freshly prepared

