

Bio-1000F Test Reference

MICROTEK
SCAN THE WORLD

- Stain : SYBR® Safe DNA Gel Stain
- Manufacturer : Thermo Fisher Scientific Inc.









DNA Electrophoresis

Precast Gel

Post-Staining

Protocol

-  3 μ l SYBR® Safe DNA Gel Stain in 60 ml 2% TAE agarose gel.
-  5 μ l of Bio100™ Mass DNA Ladder (Protech Technology Enterprise Co., Ltd.) was loaded into line 1 (2^0). Twofold serial dilutions of the ladder were prepared in 1x DNA loading dye and loaded into lanes 2 to 11 (2^{-1} to 2^{-10}).
-  Following electrophoresis (voltage: 50 V), the images were caught by Bio-1000F with different exposure times.

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-  Following electrophoresis (voltage: 50V), the gel were immersed into 1x TAE buffer with 1/20,000 SYBR® Safe DNA Gel Stain for 30 minutes at 30°C .
-  The images were caught by Bio-1000F with different exposure times.

Result

