

Bio-1000F Test Reference

MICROTEK
SCAN THE WORLD

- Stain : GreenView™ DNA Gel Stain
- Manufacturer : GeneCopoeia, Inc.



DNA Electrophoresis

Precast Gel

Post-Staining

Protocol



1 3 μ l GreenView™ DNA Gel Stain in 60 ml 2% TAE agarose gel.



2 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}).



3 Following electrophoresis (voltage: 50 V), the images were caught by Bio-1000F with different exposure times.



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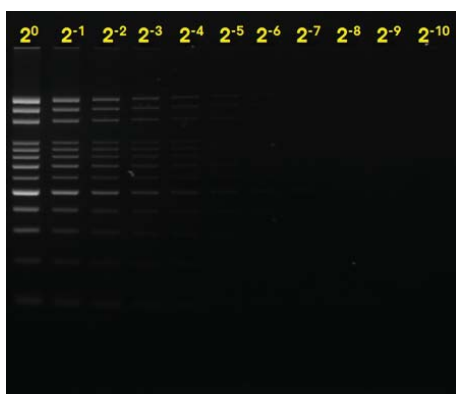
2 Following electrophoresis (voltage: 50V), the gel were immersed into 1x TAE buffer with 1/20,000 GreenView™ DNA Gel Stain for 30 minutes at 30°C.



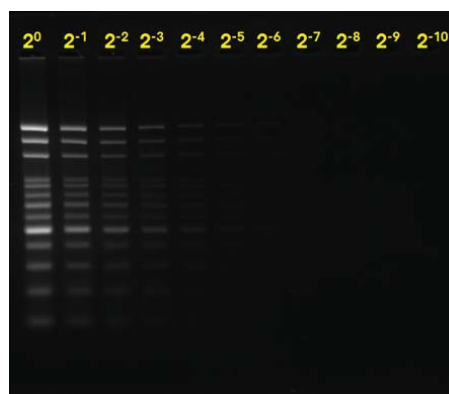
3 The images were caught by Bio-1000F with different exposure times.

Result

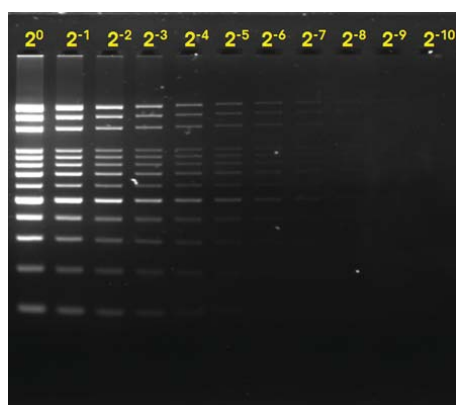
x1
Exposure
Time →



x1
Exposure
← Time



x4
Exposure
Time →



x4
Exposure
← Time

