

EasyView Nucleic Acid Gel Stain, 100 ×

Cat. No.	Product	Spec.
NAC0704	EasyView, 100 ×	25 mL

Storage and Handling

- EasyView is a stable dye. 100 × stock solution and dilute solution can be stored at 2–8 °C, protected from light, at least six months after receipt.
- Before use, allow the dye to equilibrate to room temperature, vortex thoroughly, and briefly centrifuge to spin down the solution on the cap and sides of the tube.

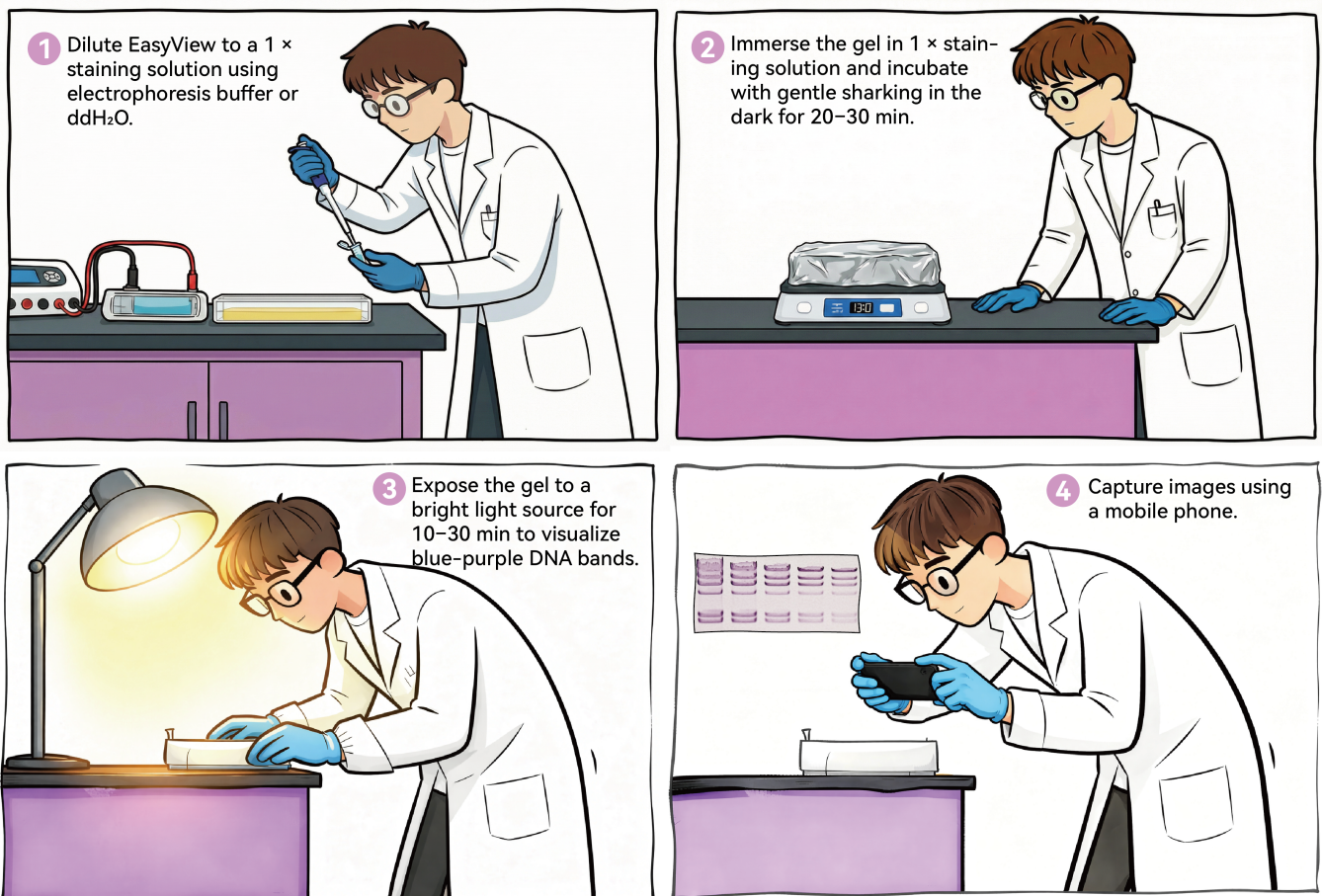
Product Description

EasyView is a next-generation visible-light nucleic acid gel stain independently developed by MSBIO. It enables clear visualization without ultraviolet (UV) illumination, with electrophoresis bands visible to the naked eye. This eliminates UV-related damage to both laboratory personnel and nucleic acid samples, enhances experimental safety, and supports UV-free gel excision and recovery. EasyView offers excellent sensitivity, with a DNA detection limit of 0.5 ng, comparable to GelRed, and is compatible with downstream

applications such as molecular cloning, restriction enzyme digestion, and sequencing. For the complete safety report, please visit www.msbio.com.

General Considerations

- During electrophoresis, the use of loading buffers containing blue tracking dyes (e.g., bromophenol blue) should be avoided, as these dyes may compromise the clarity of EasyView DNA bands. Loading buffers containing Orange G are recommended.
- Exposure time is determined by the light color, intensity, and distance to the gel. When illuminated with a bright white LED light or a blue-light transilluminator, DNA bands are visible after approximately 5 min, with clear dark purple bands observed after 15 to 30 min.
- An LED light source is recommended due to its lower heat generation, allowing it to be placed closer to the gel.
- While EasyView has passed multiple safety assessments at MSBIO, please follow all relevant laboratory safety practices and wear appropriate personal protective equipment (PPE).
- For disposal, dilute Thiazole Green II to lower than 1 ×, and consult your institution's biosafety or environmental officer for local disposal procedures.



► For rapid validation, illuminate during staining (combining steps 2–3); bands appear in ~15 min.

Figure 1: EasyView Rapid Staining Protocol

Post-Staining Protocol

1. Run electrophoresis according to your standard protocol.
2. Dilute EasyView to a 1 × staining solution using electrophoresis buffer or ddH₂O.
3. Place the gel in a staining tray or suitable container and fully cover with the EasyView 1 × staining solution.
4. Stain at room temperature for 20 to 30 min, with gentle shaking, protected from light.
5. Expose the gel to a bright light source for 10 to 30 min to produce blue-purple DNA bands.

Staining Results

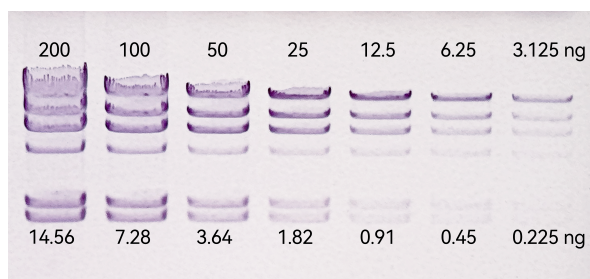


Figure 2: Post-staining of a 1 % agarose gel with EasyView. Two-fold serial dilutions of λ -DNA/Hind III digest were loaded in amounts of 100, 50, 25, 12.5, 6.25, 3.125, 1.56, 0.78, 0.39, 0.195 and 0.0975 ng from left to right.

Related Products

Cat. No.	Product
NAC0601	Thiazole Green I ,10,000 × in DMSO
NAC0602	Thiazole Green II ,10,000 × in DMSO
NAC0701	JellyGreen, 10,000 × in DMSO
NAC0702	JellyRed, 10,000 × in water
NAC0703	GelViewer, 10,000 × in water
NAC0704	EasyView, 100 ×

For Research Use Only. This product is intended for laboratory research purposes only and is not intended for use in diagnostic procedures, therapeutic applications, or in humans or animals.