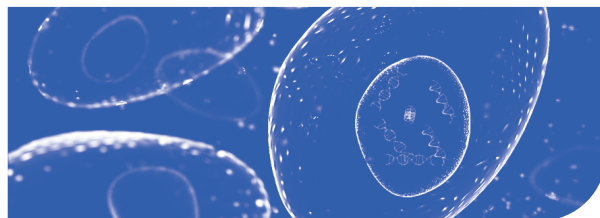


FlashBlue™ DNA Staining System

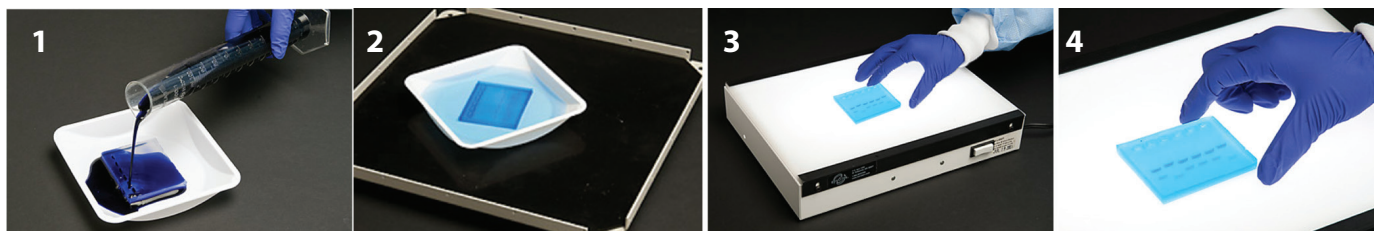
Catalog #609

10X CONCENTRATED FOR 1.2 LITERS



FlashBlue™ DNA Staining System is a biological stain that interacts with DNA and RNA. Ultraviolet light is not required to view DNA and RNA in an agarose gel stained with FlashBlue™ DNA Stain since areas containing the nucleic acid appear as blue bands after destaining. EDVOTEK's special proprietary formulation of FlashBlue™ DNA Stain provides optimal visibility when used in a comprehensive system with EDVOTEK experiment kits, reagents and equipment. The use of a Visible Light Gel Visualization System, which includes a white light source and amber gel viewing filter (EDVOTEK Catalog #552), greatly enhances visibility of nucleic acid banding patterns in agarose gels stained with EDVOTEK FlashBlue™ DNA Stain.

Optimum destaining time is variable; major bands should be visible after only 20 minutes of destaining. As with any biological stain, care should be taken when handling solutions or gels containing FlashBlue™ DNA Stain. Gloves should be worn when handling solutions and gels containing FlashBlue™ DNA Stain. **10X concentrated FlashBlue™ stain should first be diluted to 1X with distilled or deionized water. 1X FlashBlue™ can be reused several times. Store in a sealed container at room temperature.**



1 After electrophoresis, wear gloves and place the gel in a small gel staining tray. Pour 75 ml of 1x FlashBlue™ stain into the tray, enough to cover the gel. Allow the gel to stain for no longer than 5 minutes.

2 Transfer the gel to another container with 250-300 ml distilled water. Gently agitate container every few minutes or place on a shaking platform. Destain for at least an hour (longer periods will yield better results).

3 After destaining, gel should have a light blue background and well-stained DNA bands.

4 For optimal visibility, examine the gel on a white light visualization system.

FlashBlue™

EDVOTEK®