Fluo-DNA/RNA Gel Staining Solution (Catalog #: GS-401)

Sizes: 1.0ml (10,000x)

Storage: Stored at -20°C. Protected from light, stable for 2 years.

Note: This product is non-carcinogenic but irritant to skins and eyes. Wear goggles and gloves are necessary. In case of contact with eyes or skins, rinse immediately with plenty of water and seek medical advice.

Procedure:

DNA/RNA gel staining procedure:

1. Prepare **100ml** of 0.8-3% agarose gel buffer (e.g.,1XTBE or 1XTAE) in a 250ml flask and heat in the microwave for 1~2 minutes until the agarose completely melted.

2. Add **10µℓ** of fluo-DNA/RNA gel staining solution (10,000x) into the heated agarose solution.

3. Swirl the flask gently to mix well and avoid forming bubbles.

4. Pour solution into the clean gel tray and allow the gel to cool until solidified.

5. Remove the comb and insert the gel into the electrophoresis chamber with1xTBE/TAE buffer.

6. Load DNA or RNA samples with loading buffer on the gel and perform electrophoresis.

7. Detect the DNA/RNA bands under UV light or blue light transilluminator/imager.