

Fluo-DNA Gel Staining Solution (Catalog #: GS-501)

Sizes: 1.0ml (20,000x)

Storage: Stored at 2-8°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 gel staining procedure:

1. Prepare **100ml** of 0.8-3% agarose gel buffer (e.g., 1XTBE or 1XTAE or 1x FB-500) in a 250ml flask and heat in the microwave for 1~2 minutes until the agarose completely melted.
2. Add **5µl** of fluo-DNA gel staining solution (20,000x) 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 with 1xTBE or TAE buffer or 1x FB-500 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.

Precautions and Disclaimer: This product and procedure described are intended for R&D use only. Purchase of this product does not convey a license to perform any patented process.

ZmTech Scientific endeavours to assist clients based on the highest level of customer service, competitive pricing and customer satisfaction. Our mission is: Convenience, Speed, Safety and Economy.