

Cat. No. BCS-GN20011

BCodeGen™ Green In-Gel Dye

(1 : 20,000, 1 mL)

Application


- Agarose gel electrophoresis

Storage

- Store at 4°C (Stable for up to 2 years)
- Store at -20°C (Stable for up to 3 years)
- Protect from light

Green In-Gel Dye is a non-carcinogenic alternative to EtBr and is used to detect nucleic acids in agarose gels. It emits green fluorescence when bound to DNA and RNA. It has a fluorescence excitation when bound to nucleic acid at approximately 290-320 nm and 470-510 nm and emits at 525-530 nm.


BIOCODE 

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BCodeGen™ Green In-Gel Dye

Protocol

- 1) Prepare agarose gel solution and let the solution cool down to 60~70°C.
 - 2) Add 5 μL of Green In-Gel Dye into 100 mL of agarose gel solution.
<Note> If the band's signal is too low, use the amount of Green In-Gel Dye as 10 μL .
 - 3) Mix gently to prevent air bubbles and cast the gel.
 - 4) Load your samples and DNA ladders into the wells.
 - 5) Run and view results under a Gel Imaging System.
<Note> Detect the signal using the Cyan, Blue LED, or UV light.
 - 6) Capture and save gel images using a Gel Imaging System.
-  Green In-Gel Dye is non-carcinogenic but may cause skin and eye irritations. Always wear gloves when working with the product.