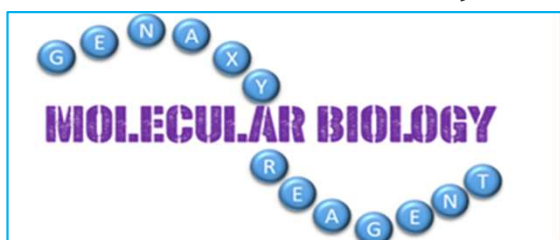


Nucleic Acid Gel Stain

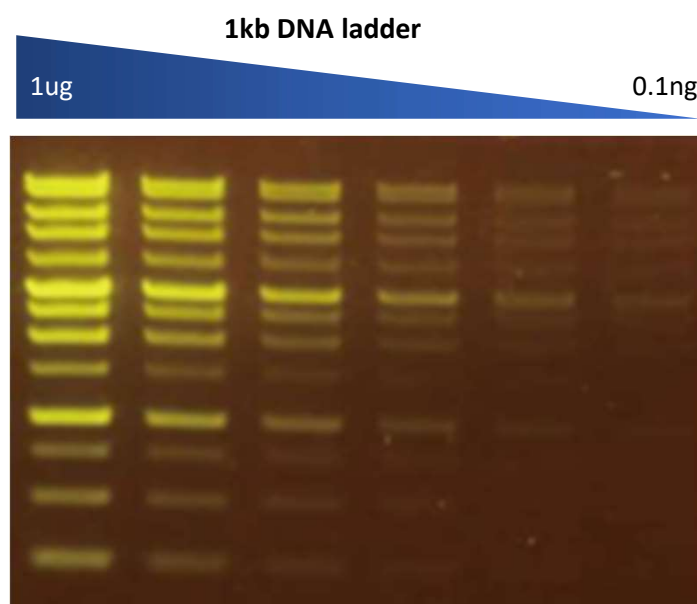
GEN GREEN Nucleic Acid Gel Stain (10,000X) is a fluorescent stain for highly sensitive detection of nucleic acid in agarose gels, It is compatible with both UV light illumination system and as well as long wave blue light illumination Nucleic Acid Gel Stain bound to nucleic acid has a fluorescent excitation maximum of 250 and 482 nm, and an emission maximum of 509 nm, It can be safe alternative for EtBr and can replace your conventional mutagenic staining without the need of changing existing lab imaging systems.

- Designed for **in-gel staining**
- Sensitivity: ng level of Nucleic acid
- A safer alternative to EtBr
- Compatibility: suitable to blue or UV light
- Increased cloning efficiency (blue light)

For *in vitro* research use only!



Shipping: shipped on gel packs
 Storage Conditions: store at -20 °C
 store dark, avoid freeze/thaw cycles
 stable at 4 °C for up to 4 weeks
 Shelf Life: 12 months
 Form: liquid



In-gel staining

Prepare molten agarose gel solution using your standard protocol. Dilute GEN-GREEN Nucleic Acid Gel Stain 10000X with the molten gel solution and mix well prior to being poured into the gel.

Visualize or photograph the gel with UV or blue-light illumination (blue-light is recommended).

Contact us for more details

Staining during electrophoresis

Dilute GEN-GREEN Nucleic Acid Gel Stain 10,000 folds into the running buffer during electrophoresis. 2. Perform agarose gel electrophoresis (avoid light).

Staining after electrophoresis

Dilute GEN-GREEN Nucleic Acid Gel Stain 10,000 folds in a TE, TAE, or TBE buffer.

Use a plastic container. Glass containers are not recommended, as they absorb fluorescent dye in staining solution.

GENAXY SCIENTIFIC PRIVATE LIMITED