

Datasheet for ABIN5519394

GelStain

Overview

Quantity: 500 µL

Product Details

Purpose: GelStain is a sensitive, stable and safe staining reagent for DNA/RNA. GelStain uses the same wavelength as ethidium bromide (EB), and it is more sensitive than EB.

Characteristics:

- Non toxicity: GelStain is a specific form of oily macromolecules, which are incapable of entering cells via the cell membrane.
- High sensitivity: GelStain provides high sensitivity, which can detect low amount of DNA even at 10-20 ng.
- Exceptional stability: GelStain can be heated or microwaved.
- Signal to noise ratio: Strong fluorescent signal from samples, weak from background.
- Like EB, GelStain can be used before electrophoresis gel or after electrophoresis. No destaining is needed.
- No optical setting change: standard EB filter and SYBR filter can be used.
- The optimal excitation is obtained with UV wavelength approximately at 300 nm.

Application Details

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: at 4°C in dark for one year.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (

1991)