

Description:

GREEN DNA-RNA dye is a newly developed fluorescent dye for the detection of nucleic acids. It is applicable for staining of dsDNA, ssDNA as well as RNA. Sensitivity is comparable to ethidium bromide. GREEN DNA-RNA is non-toxic and ecofriendly and thus an uncompromising alternative to ethidium bromide. For staining, GREEN DNA-RNA can directly be added to the gel. Alternatively, staining is possible after electrophoresis.

Features:

- Fluorescent dye for dsDNA, ssDNA and RNA
- 20000x concentrated
- Supplied in water instead of DMSO
- Compatible with common ethidium bromide documentation systems
- Excitation with UV or blue light (excitation maxima 295 nm and 490 nm)
- Detection same as ethidium bromide (emission maximum 530 nm)
- Storage at 4 °C, light-protected

Note: It is highly recommended agarose gel to be ≤ 0.5 cm in thickness. TAE buffer system is preferred for higher sensitivity.

Detection: Detect bands under UV illumination or non-UV LED illuminators such as Blue Light LED illumination. (For UV illumination we recommend yellow or green gelatine- or cellophane filters for clearer bands.)

Shipment: at room temperature

Storage: at +4 °C for at least 12 months, protect from light

Disposal: GREEN DNA-RNA is not classified as hazardous waste. It can be disposed as regular laboratory trash in accordance to the local regulations.

Order Information

Prod. No.	Description	Quantity
P95000	GREEN DNA-RNA-Dye (20000X in water)	1 ml
P95010	GREEN DNA-RNA-Dye (20000X in water)	5 x 1 ml