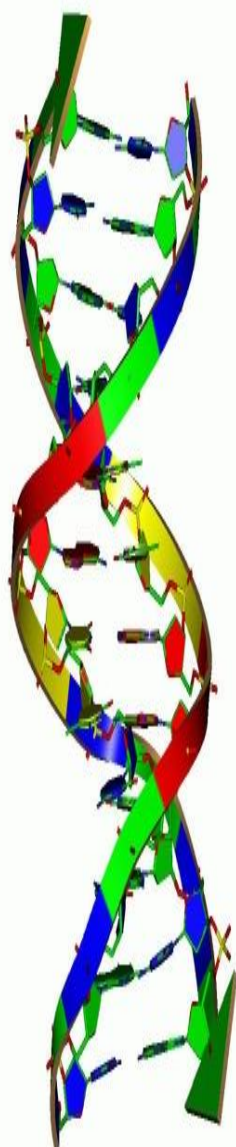


FISHER MOLECULAR BIOLOGY

Green Gel Plus™ Nucleic Acid Stain 20.000x

Environmentally safe ultra-sensitive nucleic acid gel stain for replacing EtBr



Green Gel Plus™ is a new and safe nucleic acid stain, an alternative to the traditional ethidium bromide (EB) stain for detecting DNA and RNA in agarose gels. It emits green fluorescence when bound to DNA or RNA. This new stain has two fluorescence excitation maxima when bound to nucleic acid, one centered at approximately 309 nm and one at approximately 419 nm. In addition, it has one visible excitation at 514 nm and a fluorescence emission at 537 nm.

Green Gel Plus™ is as sensitive as EB. The staining protocol for **Green Gel Plus™** is similar to that for EB. Compared to EB, known as a strong mutagen, **Green Gel Plus™** causes much fewer mutations in the Ames test. Moreover, **Green Gel Plus™** has a negative test in mouse marrow chromophilous erythrocyte micronucleus result and mouse spermary spermatocyte chromosomal aberration test.

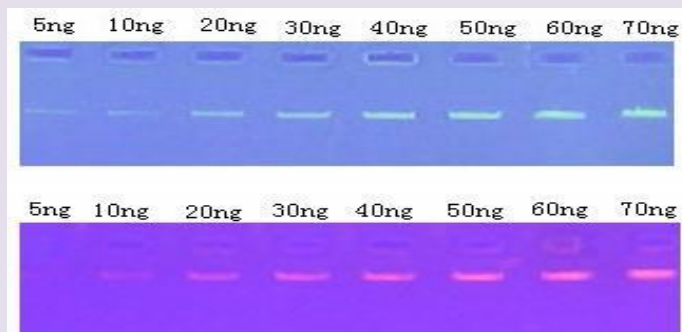
So it is wise to choose Green Gel Plus™ instead of EB for detecting nucleic acid in agarose gels.

FS-GEL01 Green Gel Plus™ 20.000X

0.5 ml	200 minigels	€ 100
5x 0.5 ml	1000 minigels	€ 400
10x 0.5 ml	2000 minigels	€ 650

FEATURES

- ✦ **ULTRA-SENSITIVE**
Much more sensitive than SYBR® Safe
- ✦ **SIMPLE TO USE**
Very simple procedures for Precast or Post Gel Staining
- ✦ **EXTREMELY STABLE**
Available in water, stable at Room temperature for long-term storage and microwavable
- ✦ **PERFECT COMPATIBILITY**
with a standard UV transilluminator and a gel reader with visible light excitation
Green Gel Plus™ replaces SYBR® Safe and Gel Green with no optical setting change
- ✦ **EASY DISPOSAL**
Passed environmental safety tests for direct disposal down the drain or in regular trash
- ✦ **SAFER THAN EtBr**
Shown by Ames test and other tests to be nonmutagenic and noncytotoxic
- ✦ **COMPARISON**
Green Gel Plus™ is comparable with Gel Green and Gel Red
- ✦ **ADVANTAGES**
Gel Green Plus™ has a concentration of 20.000X so that it can process at least 200 minigels
Gel Green and Gel Red have instead a concentration of 10.000X so that they can process only 100 minigels



Sensitivity detection of **Green Gel Plus™** under UV transmission (wavelength 300 nm)

Sensitivity detection of **EB** under UV transmission (wavelength 300 nm)

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