

Green Gel Plus™ Nucleic Acid Stain -High Concentration-

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.

Green Gel Plus has concentration of 50.000 X

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.

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 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

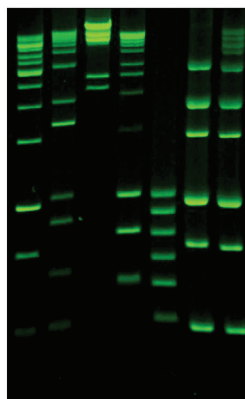
Green Gel Plus™ is comparable with Gel Green and Gel Red.

ADVANTAGES

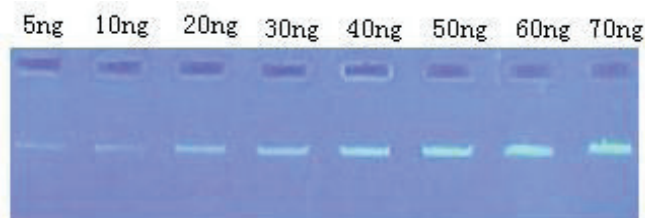
Green Gel Plus™ is High Concentration so that it can process at least 200 minigels.

Gel Green and Gel Red have instead a concentration of 10.000X so that they can process only 100 minigels.

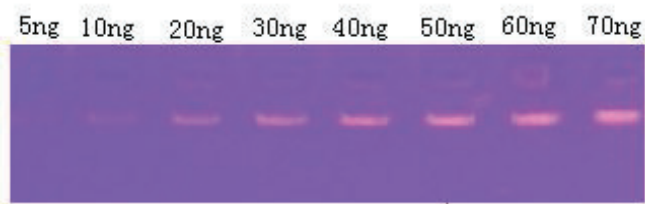
Green Gel Plus™



FS-GEL01 Green Gel Plus™ High Concentration	
0.5 ml	€ 100
5x 0.5 ml	€ 400
10x 0.5 ml	€ 650
20x 0.5 ml	€ 1.000



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



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

Distributed by:



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