DyeAll™ Staining Solution (20,000 X) Ver. 1.0

Cat. No. SM-D01-001, SM-D01-005

Storage at : 4℃

How to Use

1. Prepare 100 ml (dependent on your experiment) of agarose gel solution according to your standard protocol.
2. Dilute 20,000 X DyeAll™ with the gel solution at 1:20,000 (dye : solution) dilution rate and mix thoroughly.
3. Pour slowly well-mixed agarose gel solution into the gel tray to avoid bubbles.
4. Allow it to stand until the gel becomes hard.
5. Place the gel into a container filled with TAE/TBE running buffer, and load samples.
6. Run gel electrophoresis and visualize using either UV or Blue LED light.

Description

DyeAll™ is stable, sensitive and environmentally safe nucleic acid staining solution designed to detect dsDNA, ssDNA or RNA in agarose gel and to replace toxic ethidium bromide (EtBr). It has no environmental hazardous effect and and does not produce toxic waste. It stains dsDNA, ssDNA or RNA in TAE/TBE agarose gel. DyeAll™ is provided at 20,000 X concentration.

Product contents

Product	Cat. No.	The volume of each tube	The number of tubes
DyeAll™	SM-D01-001	1.0 ml	1 tube
	SM-D01-005	1.0 ml	5 tubes

Features

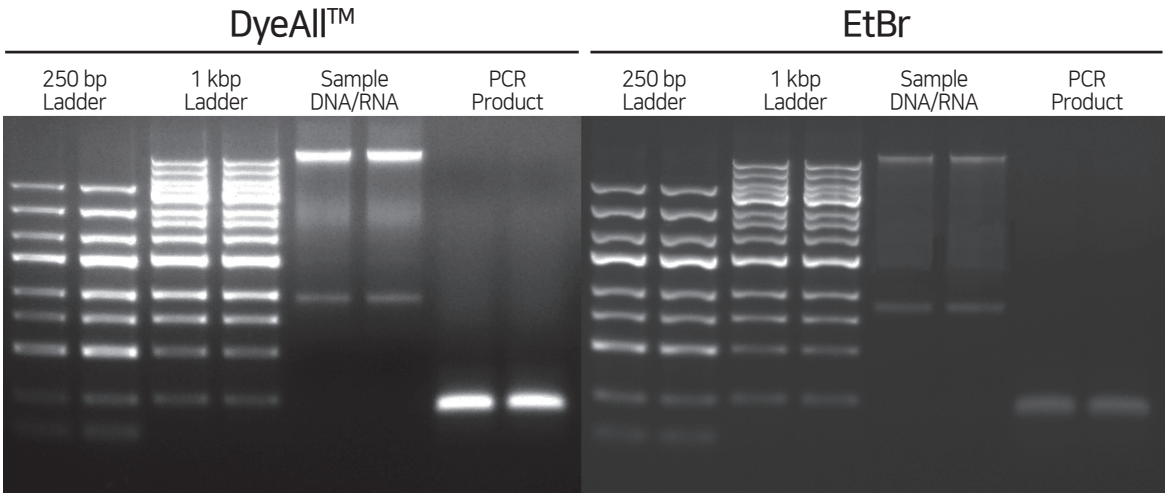
- No toxic waste disposal
- Non-Mutagenic
- Compatible with standard blue LED and UV transilluminators

Storage Conditions

Stable for 18 months at 4°C

* Do not freeze

Technical Information



* Gel electrophoresis assay shows 250 bp, 1 kbp, DNA/RNA sample nucleotides and PCR product using DyeAll™ and EtBr.

Explanations of Symbols

Symbol	Used for	Symbol	Used for
LOT	Batch number		Manufacturer
REF	Catalogue number		Do not reuse
	Consult Instructions For Use		Date of Manufacture
	Caution		Expiry date
	Temperature limitation		

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Manufacturer site

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GENEALL BIOTECHNOLOGY CO., LTD

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