

6X *p*BLook novel dye



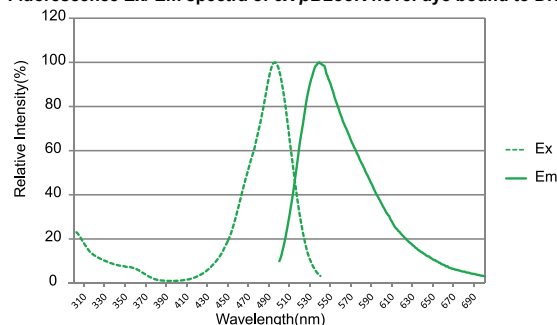
Cat. No.: SL005-0500

Size: 500 μ l

Description

6X *p*BLook novel dye is a non-mutagenic fluorescent reagent that produces instant visualization of DNA signals upon blue light (e.g. *p*BLook, BK002). Supplied in 6X concentration, the *p*BLook novel dye is used to prepare DNA samples for *p*BLook. The dye is the most sensitive staining reagent available for detecting the double-stranded DNA (dsDNA). It is ideal for the environment requiring a safe, non-hazardous alternative to Ethidium Bromide (EtBr). Approximate fluorescence excitation / emission bound to nucleic acid.

Fluorescence Ex/ Em spectra of 6X *p*BLook novel dye bound to DNA



Features

- Safe – Absence of mutagenicity.
- Convenience – Ready to Use.
- Economic – Non-hazardous product; No expenses required for the waste management.

Application

- DNA Sample Staining.

Kit Content

Contents	SL005-0500
6X <i>p</i> BLook novel dye	500 μ l

Quality Control

The quality of the 6X *p*BLook novel dye is tested on a lot-to-lot basis to ensure consistent product quality.

Required Materials

- Electrophoresis equipments.
- *p*BLook.

Storage

For longer periods, store at -20°C

Note: 6X *p*BLook novel dye is light sensitive and should be stored protected from light.

6X *p*BLook novel dye Protocol

1. Thaw the 6X *p*BLook novel dye under room temperature.
2. Vortex 6X *p*BLook novel dye for 10 seconds prior to use.
3. Dilute 1 part 6X *p*BLook novel dye with 5 parts DNA sample and mix.
4. DNA sample can be visible by *p*BLook.

Troubleshooting

Refer to the table below to troubleshoot problems that you may encounter when you did DNA staining with the reagent.

Problem	Cause	Solution
Low sensitivity	Dilution ratio may not be right.	Check the dilution ratio in the 1 part 6X <i>p</i> BLook novel dye with 5 parts DNA sample dilution.

Related Ordering Information

Cat. No.	Description	Size
SA001-0500	AGAROSE Tablet, 0.5g	100 Tablets
SD010-R600	1 Kb DNA Ladder RTU	600 μ l
BK002	<i>p</i> BLook LED transilluminator	1 Set
BK003	μ BLook LED Transilluminator	1 Set

Caution

- Aliquot reagents to avoid contamination and repeated freeze-thaw cycles.
- 6X *p*BLook novel dye is light sensitive and should be stored protected from light.
- During operation, always wear a lab coat, disposable gloves, and protective equipment.
- All products are for research use only.