

Novel Juice fluorescent nucleic acid dye (6X Loading Buffer)

Item No. : P001S1

Specification: 1mL

Storage: long-term storage at -20°C away from light to avoid repeated freezing and thawing.

Product Introduction:

Novel Juice is a non-mutagenic fluorescent nucleic acid dye that can show DNA bands under blue and ultraviolet light when DNA is detected by agarose electrophoresis. This product is available in the form of 6X concentrate and can be used to prepare samples and markers for agarose gel electrophoresis and polyacrylamide gel electrophoresis. The product contains three tracer dyes (Bromophenol Blue, xylene Blue and Orange-yellow G) to visually observe DNA migration during electrophoresis. Novel Juice is a safe, non-toxic dye. Maximum fluorescence excitation wavelength/maximum emission wavelength after binding with nucleic acid: 300,495/537nm. DNA bands of 1.25ng can be detected and can be used in glue recovery experiments.

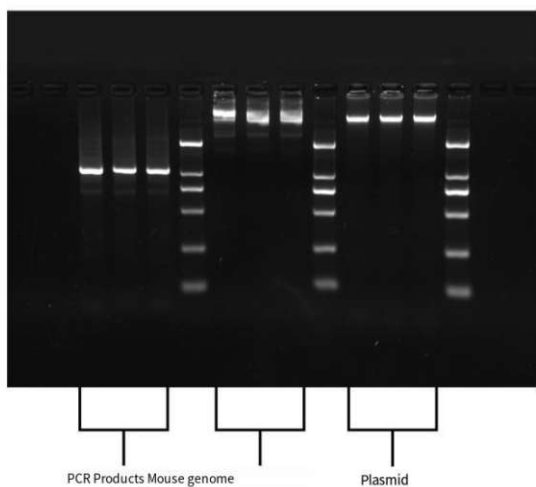
How to use:

- 1、 Scroll for 10S before use to mix the dye well.
- 2、 Add 1 part dye to 5 DNA samples and mix well.

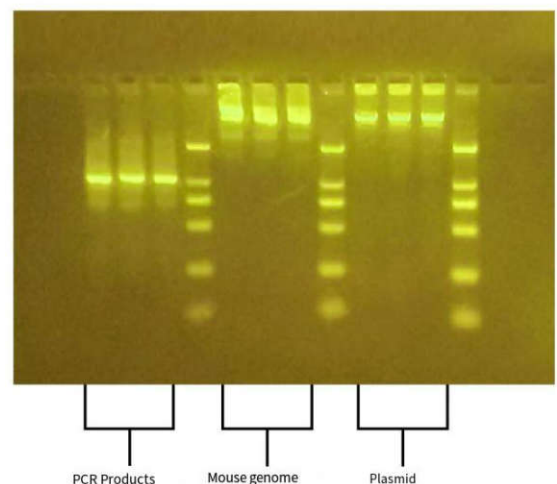
Note: Dye must be added to the DNA marker so that the band size can be observed when the electrophoresis results are observed at the end of the electrophoresis.

- 3、 Sample and perform electrophoresis.
- 4、 At the end of electrophoresis, remove the gel, place the gel in a UV or visible photogluemeter, and immediately observe the bands.
- 5、 If desired, the gel can be post-stained with ethidium bromide.

Image after agarose gel electrophoresis run:



Uv light glue picture



P001S LED blue and white double light source light glue transisometer

Blu-ray photogluce picture

