



NAGreen Nucleic Acid stain

Cat# NA-S003

store at at 4°C

INFORMATION

Size	1 ml, 5ml
Concentration	20,000x
Introduction	CelGreen is a unique fluorescent dye that binds to all dsDNA double helix trench regions. In the free state, the side chain, CelGreen emits weak fluorescence, but once combined with double-stranded DNA, fluorescence is greatly enhanced, so celGreen's fluorescent signal strength is related to the number of double-stranded DNA, the number of double-stranded DNA present in the PCR system can be detected according to the fluorescent signal.
Product benefits	<p>Non-toxicity: CelGreen's unique oiliness and macromolecular weight make it impossible to penetrate the cell membrane into the cell, and ams test results have shown that the dye is much less mutagenic than EB.</p> <p>High sensitivity: Electrophoretic staining for fragments of all sizes has less effect on nucleic acid migration than SYBR Green I.</p> <p>high stability: suitable for the preparation of agar gel using microwave or other heating methods, extremely stable at room temperature in acid or alkali buffer, strong light resistance.</p> <p>high signal-to-noise ratio: strong sample fluorescence signal, low background signal.</p> <p>easy to operate: dyes do not degrade during prefabricated glues and electrophoresis, while the post-electrophoresis dyeing process takes only 30 minutes and can be used directly without discoloration or flushing visible light gel transmitter observation.</p> <p>a wide range of applications: optional pre-electrophoresis dyeing (glue dyeing method) or electrophoretic dyeing (bubble dyeing method); For dsDNA, ssDNA, or RNA staining.</p>
Storage	DRY AND LIGHT-AVOIDANCE PRESERVATION AT 4 DEGREES C, THE PRODUCT IS VALID FOR 12 MONTHS