



QuickView™

Cat. ARG108
Qty. 1.0 ml



Standard Protocol

- 1 Prepare a 100 ml agarose solution and cool to cool to 60-70°C.
- 2 Add 10µl QuickView™ to the gel solution.
- 3 Mix gently to avoid bubbles, and cast the gel.
- 4 Load samples and run gels according to your standard protocol.
- 5 View the results under UV light (weaker) or blue LED light(optimal) (Ultra Slim LED Box, Cat.SLB-01W).
- 6 Store unused gels in a sealed container away from light for up to 1 week.

Content and Storage

QuickView™
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Contents

Cat. ARG108
QuickView™1 ml

Description

QuickView™ is a new and safe class of nucleic acid stain for the visualization of double-stranded DNA, single-stranded DNA, and RNA in agarose gels. The dyes are developed to replace Ethidium Bromide (EtBr, a potent mutagen), commonly used in gel electrophoresis for visualization of nucleic acids in agarose gels.

QuickView™ is non-carcinogenic by the Ames-test. The results are negative in both the mouse marrow chromophilous erythrocyte micronucleus and mouse spermary spermatocyte chromosomal aberration tests.

QuickView™ Classic is used the same way as EtBr in agarose gel electrophoresis. This stain emits green fluorescence and has an excitation of ~500 nm and emission of ~533 nm.

- Easy to Use: Provided as a 10,000X stock and compatible with both blue light (optimal) and UV light (weaker).
- Safe: Non-carcinogenic.
- Sensitive: Detect as little as 1-2 ng of DNA per gel band.
- Superior: Compatible with downstream applications such as cloning and sequencing.

Q&A

Question	Answer
How should I visualize the gels after staining?	Gels can be visualized using a standard UV transilluminator or LED illuminator, no additional filters are required although an optional green filter can be used for aesthetic purposes.
How Sensitive is QuickView?	QuickView™, when used for in-gel-staining detects up to 1.5 ng/mm nucleic acid, which is approx. 0.2ng per band, and is therefore as sensitive as Ethidium Bromide. Post-staining with QuickView is slightly less sensitive.
Can QuickView be used to stain DNA/RNA in Acrylamide gels?	QuickView™ can only be used in Agarose gels. For Acrylamide gels we recommend our sister product QuickWhite, this utilizes the same technology but in the form of a sample loading buffer.
What if the bands are too faint?	To boost the visibility of bands, QuickView can also be added to the running buffer (5µl per 1 00ml) - alternatively you can post-stain after in-gel staining.
What is the shelf life of QuickView?	QuickView™ can be kept for 1 year at 4 °C.
How should I dispose of QuickView?	QuickView™ contains no substances known to be hazardous to the environment or non-degradable in waste water treatment plants. Dispose of in accordance with local regulations.