

ReadiView™ Blue Real-Time PCR Visualization Dye
200XCatalog number: 17300
Unit size: 500 Tests

Component	Storage	Amount
ReadiView™ Blue Real-Time PCR Visualization Dye *200X*	Freeze (< -15 °C), Minimize light exposure	500 Tests

OVERVIEW

ReadiView™ Blue Real-Time PCR Visualization Dye is a 200X concentrated, ready-to-use, inert dye that enhances the visibility of real-time PCR reactions for more accurate pipetting and plate loading. The presence of dye does not adversely affect the performance of the PCR reaction when used as directed and does not interfere with Helixyte™ Green-, SYBR® Green-, or probe-based detection. It is optimized for a wide variety of real-time PCR mixes and kits, including mixes containing ROX and mixes for FAST and regular reaction times.

Safety Data Sheet (SDS) provided for the product. Chemical analysis and/or reverse engineering of any kit or its components is strictly prohibited without written permission from AAT Bioquest. Please call 408-733-1055 or email info@aatbio.com if you have any questions.

KEY PARAMETERS**qPCR**

Instrument specification(s) As per the assay

SAMPLE EXPERIMENTAL PROTOCOL

The following protocols serve only as guidelines and should be optimized according to your specific application. Before starting the experiment, the ReadiView™ Blue Real-Time PCR Visualization Dye must be thawed completely to room temperature.

Addition of Dye in the master mix:

1. Mix 1 µL of ReadiView™ Blue Real-Time PCR Visualization Dye with 100 µL TAQuest™ qPCR Master Mix (2X master mix) containing primers, TaqMan probes, or DNA dye.
2. Mix components thoroughly, then centrifuge briefly to collect the solution at the bottom of the tube. Store on ice, protected from light.
3. For a 20 µL PCR reaction, mix 10 µL of qPCR master mix with 10 µL of DNA sample. It is recommended to place the plates on top of a white background to enhance visibility.

Note ReadiView™ Blue Real-Time PCR Visualization Dye may also be compatible with a variety of master mixes but should be validated by the user for optimal performance.

Addition of Dye in the DNA or RNA sample:

1. Mix 1 µL of ReadiView™ Blue Real-Time PCR Visualization Dye with 100 µL of samples containing DNA or RNA.
2. Mix components thoroughly, then centrifuge briefly to collect the solution at the bottom of the tube. Store on ice, protected from light.
3. For a 20 µL PCR reaction, mix 10 µL of qPCR master mix with 10 µL of DNA or RNA sample. It is recommended to place the plates on top of a white background to enhance visibility.

DISCLAIMER

AAT Bioquest provides high-quality reagents and materials for research use only. For proper handling of potentially hazardous chemicals, please consult the