



HIGHLY PURE
ECONOMIC
MOLECULAR GRADE
RESEARCH & DIAGNOSTIC
REAGENTS & KITS



**MOLECULAR
BIOLOGY KITS**

- AviUCiDiNA™
- AviSYBR™
- AviTooX™

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AviUCiDiNA™

cDNA Synthesis Kit (Optimum activity at 55 °C)

AviUCiDiNA™ contains all necessary components for converting total RNA or mRNA into single-stranded cDNA. The 2X Buffer mix includes RT buffer, 1 mM dNTP mixture, 8 mM MgCl₂, Oligo d(t)16, random hexamer, and stabilizer. The Enzyme mix contains thermostable H-minus M-MLV reverse transcriptase with optimum activity at 55°C, RNase Inhibitor, and stabilizer.



- Advantages:**
- Optimum activity at 55°C
 - Reduces technical errors
 - Offers a simple protocol
 - Allows for higher reaction temperatures than conventional M-MLV, resulting in high yield and sensitivity



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AviTooX™

2X Taq Mastermix (Red Dye)

AviTooX™ is a ready-to-use PCR mix containing Taq DNA Polymerase, reaction buffer, dNTPs, protein stabilizer, 2 mM MgCl₂, tracking dye for electrophoresis, and loading dye. It optimizes the convenience to use by adding sediment for electrophoresis and 2x solution of loading dye.



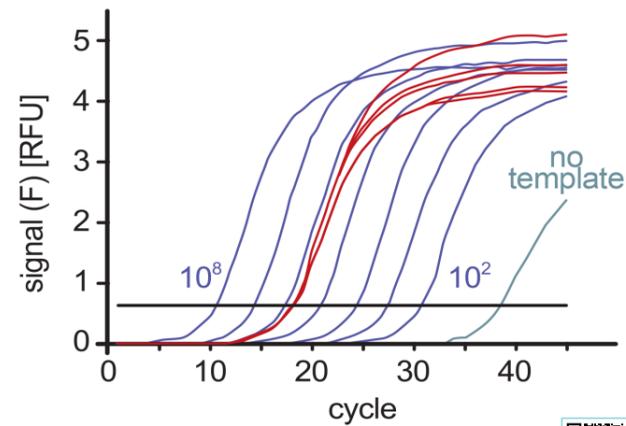
- Advantages:**
- Highly resistant to adverse storage conditions and frequent freeze-thaw cycles
 - The most convenient way to perform PCR
 - Reduces technical errors
 - Eliminates the need for adding loading dye during electrophoresis
 - More economical



AviSYBR™

SYBR Green 2X Mastermix (+ROX)

AviSYBR™ is a highly sensitive and user-friendly solution for real-time quantitative analysis of DNA and cDNA targets. This product combines SYBR Green I dye with a dual hot-start Taq polymerase (chemically modified and antibody-mediated) in an optimized buffer solution.



- Advantages:**
- Cost-Effective
 - Aptamer-based hot start Taq DNA polymerase
 - Long-Term stability
 - Ease of use
 - Short initial denaturing time

