

# MOLECULAR BIOLOGY KITS

- AviCidiNA™
- AviSYBR™
- AviTooX™





avigene

## AviCidiNA™ cDNA Synthesis kit

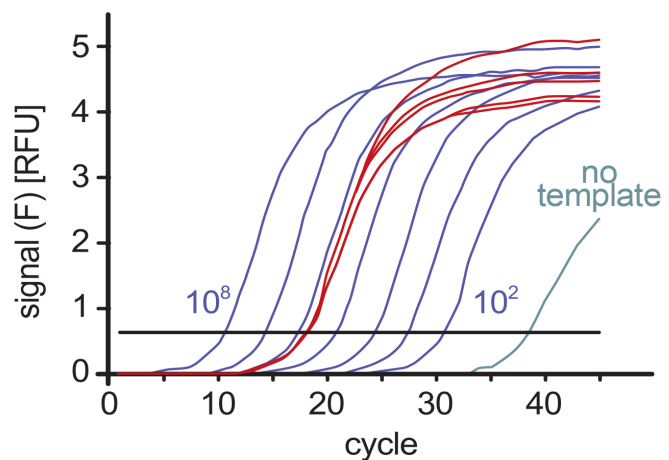
AviCidiNA™ contains all necessary components for conversion of total RNA or mRNA to the single stranded cDNA. The 2X Buffer mix solutions contains, RT buffer, 1mM dNTP mixture, 8mM MgCl<sub>2</sub>, Oligo d(t)16, Random hexamer and stabilizer. Enzyme mix contains thermostable H-minus MMLV, RNase Inhibitor and stabilizer.



- Advantages:**
- Reduction of technical errors.
  - Easy protocol.
  - Higher reaction temperature than conventional MMLV.
  - High yield and sensitive.

## AviSYBR™ SYBR Green 2X Mastermix (+ROX)

AviSYBR™ is a very sensitive and easy to use for real-time quantitative analysis of DNA and cDNA targets. This product is based on the SYBR Green I and a dual Hot-start Taq (chemically modified and anti taq) plus the pre-optimized buffer solution.



- Advantages:**
- Cost effective
  - Aptamer-based Hot start Taq DNA polymerase
  - Long-term stability
  - Easy to Use
  - Short initial denaturing time

## AviTooX™

### 2X Taq Mastermix (Red Dye)

AviTooX™ contains Taq DNA Polymerase, reaction buffer, dNTPs, protein stabilizer, 2mM MgCl<sub>2</sub>, and optimizes the convenience to use by adding sediment for electrophoresis and 2x solution of loading dye.

**Advantages:**

**Highly resistant to bad storage or frequent freeze and thaw.**

**Most convenient way to perform a PCR.**

**Reduction of technical errors.**

**No need to add loading dye for electrophoresis.**

**More economic.**





avigene

[WWW.AVIGENE.CA](http://WWW.AVIGENE.CA)  
[avigene@avigene.ca](mailto:avigene@avigene.ca)

Ver.2401