

Accuris qMAX™ cDNA Synthesis Kit

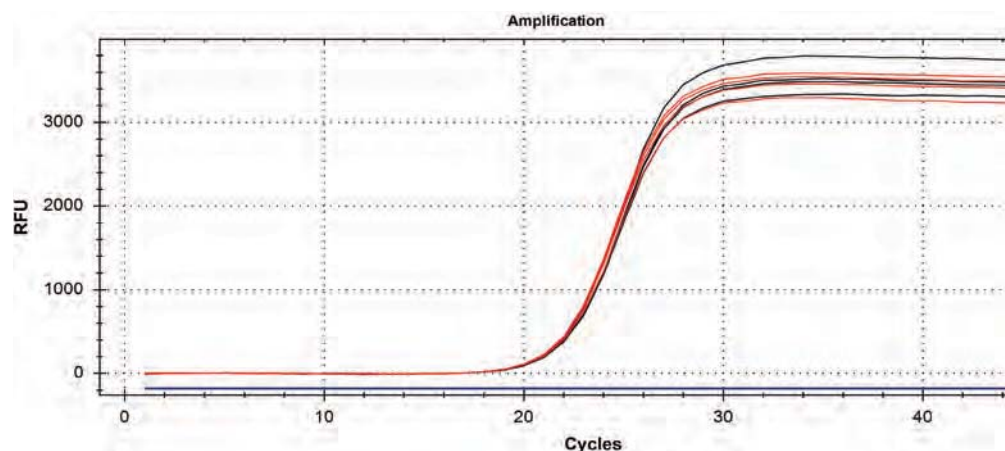


- **Rapidly generate high quality, qPCR ready cDNA**
- **Unbiased, complete sequence representation**
- **Thermostable qMax RT with RNase inhibitor**
- **Optimized for use across a wide dynamic range**
- **Two tube format for easy reaction set up**

cDNA is a vital research tool for Molecular Biologists. The qMax DNA Synthesis Kit from Accuris provides a quick, accurate and reproducible way to obtain high quality cDNA with a complete sequence representation for 4pg to 2µg of total RNA or mRNA.

The centerpiece of the qMax cDNA Synthesis Kit is qMax RT - a thermostable reverse transcriptase that allows reactions to be carried out at higher temperatures, thus eliminating the problems created by secondary structure in the RNA. A potent RNase inhibitor maintains integrity of the starting material. Unbiased representation and synthesis are ensured by a precise mix of anchored oligo (dT) and hexamer primers in the 5X buffer system. Buffer and enzyme are supplied in separate tubes to allow for negative control reactions.

Accuris qMax qPCR mixes are the ideal partner for quantitative PCR of cDNA.



Accuris qMax cDNA Synthesis Kit provides unbiased synthesis and better representation of the full length product. cDNA synthesis of the 2.3kb RS18 gene was performed using the Accuris qMax cDNA Synthesis Kit. The image at left is the result of qPCR using two primer pairs designed for the 3' and 5' ends of the gene. The black traces represent the 3' primer and the red traces the 5' primer. The nearly identical traces show equal representation of both ends of the gene.

Unbiased cDNA Synthesis

Item No.	Description	Reactions (20µl volume)
PR2100-C-S	Accuris qMax cDNA Synthesis Kit, sample	5
PR2100-C-25	Accuris qMax cDNA Synthesis Kit	25
PR2100-C-100	Accuris qMax cDNA Synthesis Kit	100
PR2100-C-250	Accuris qMax cDNA Synthesis Kit	250

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