

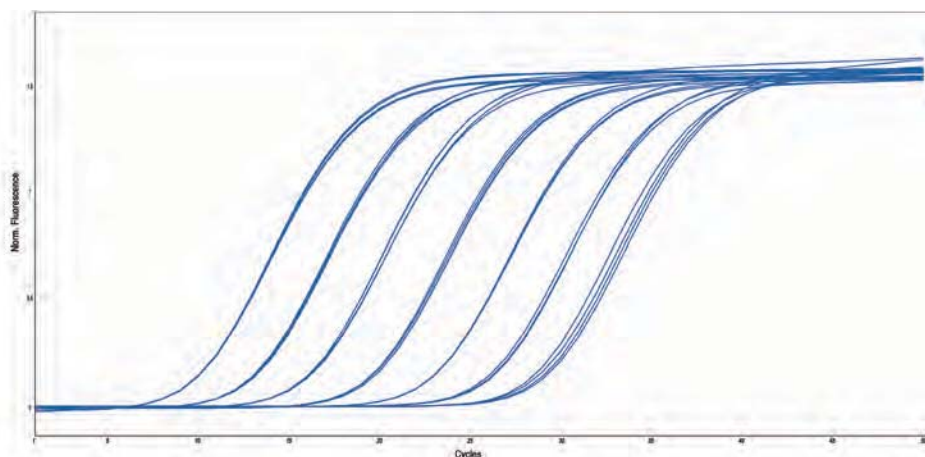


## Accuris qMAX™ Green qPCR Mix

- **Superior sensitivity and fast cycling with exceptional results**
- **Includes Accuris Hot Start Taq Polymerase for greater specificity and accuracy**
- **Ideal for low copy number templates**
- **Early  $C_t$  values and detection across a broad dynamic range**
- **Ready to use 2X Master Mix**

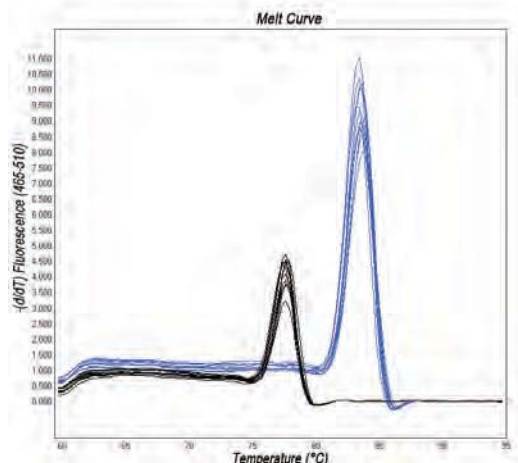
Supplied as a ready-to-use 2X master mix, qMax Green has been engineered for high sensitivity, fast cycling and excellent reproducibility. Accuris Hot Start Polymerase provides accurate PCR of a variety of templates including low copy number and difficult sequences, while the proprietary qMax Green intercalating dye exhibits higher fluorescence and lower PCR inhibition than other popular green dyes. These two components are supported by a specially formulated buffer with an exacting combination of salts, PCR enhancers, stabilizers and pH that results in earlier  $C_t$  values and a high specificity across a broad dynamic range.

qMax Green qPCR Mix is ideal for gene expression analysis, genotyping studies and detection of DNA and cDNA. Both a high ROX™ and low ROX formulation are available for compatibility with all popular qPCR instruments. To check compatibility with a specific instrument, use our reagent selector at [www.accuris-usa.com/PCRselector](http://www.accuris-usa.com/PCRselector).



**Excellent Consistency Across a Broad Dynamic Range**

The trace at the left shows qPCR of a 10 fold dilution series, 5µg to 5pg, of cDNA. cDNA was generated from total mouse RNA with the qMax cDNA Synthesis Kit. The consistency of the curves illustrates the high sensitivity and efficiency of the qPCR reaction.



Above is a melt curve from qPCR of the mouse housekeeping gene PGK-1. The blue curve is from reactions performed with Accuris qMax Green. The black curve shows competitor AB. While both curves show excellent sensitivity, the Accuris qMax Green exhibits superior results.

| Item No.      | Description                           | Reactions (20µl volume) |
|---------------|---------------------------------------|-------------------------|
| PR2000-L-S    | Accuris qMax Green, Low Rox qPCR Mix  | 20                      |
| PR2000-L-100  | Accuris qMax Green, Low Rox qPCR Mix  | 100                     |
| PR2000-L-500  | Accuris qMax Green, Low Rox qPCR Mix  | 500                     |
| PR2000-L-1000 | Accuris qMax Green, Low Rox qPCR Mix  | 1000                    |
| PR2000-H-S    | Accuris qMax Green, High Rox qPCR Mix | 20                      |
| PR2000-H-100  | Accuris qMax Green, High Rox qPCR Mix | 100                     |
| PR2000-H-500  | Accuris qMax Green, High Rox qPCR Mix | 500                     |
| PR2000-H-1000 | Accuris qMax Green, High Rox qPCR Mix | 1000                    |

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