

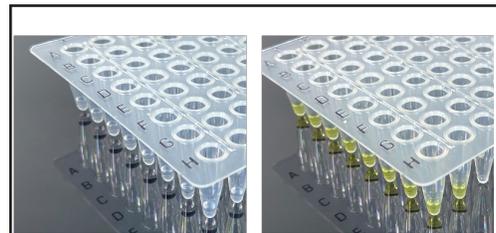
## The New Gold Standard in Fluorescent Green qPCR

- Inert gold dye helps reduce pipetting errors
- Room temperature stable for up to 30 days
- Compatible with fast cycling protocols
- Highly sensitive for low copy number templates
- Includes Accuris Hot Start Taq Polymerase

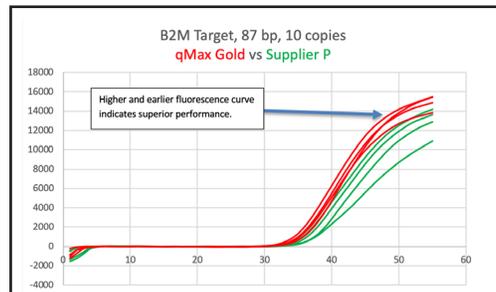
Successful PCR requires careful control of many variables. Pipetting accuracy, poor polymerase performance, dNTP concentrations, are just a few of the variables that can contribute to reaction problems. Accuris has developed their new qMAX Gold to control these issues and help you achieve the best possible amplification curve. To reduce the chance of pipetting errors, qMAX Gold includes an inert gold dye so small volumes are easy to visualize in PCR plates.

qMAX Gold is a ready to use, 2X MasterMix of Accuris Hot Start Taq polymerase, dNTPs, a sensitive fluorescent intercalating dye, and optimized reaction buffer. The Hot Start Taq allows reaction set up at room temperature while the temperature stable formulation guarantees optimal performance even if the mix is left at room temperature for extended periods.

Just add primers and DNA targets to the mix, and then proceed to amplification. qMAX Gold is compatible with all real time thermal cyclers and exhibits high sensitivity with normal or fast 2-step cycling protocols.



**Figure 1:** A comparison of a 96-well plate with traditional qPCR mix (left) and qMAX Gold mix (right). The gold dye allows clear visualization of where the reagents have been added, thus reducing pipetting errors.



**Figure 2:** Human SOX9 SYBR qPCR comparison 2-Step Fast Cycling to measure limit of detection from a genomic DNA dilution representing 10 copies of target DNA (168 bp DNA)

| Item no.      | Description                                | Reactions |
|---------------|--|-----------|
| PR2010-N-100  | Accuris qMAX Gold, no ROX qPCR MasterMix   | 100       |
| PR2010-N-500  | Accuris qMAX Gold, no ROX qPCR MasterMix   | 500       |
| PR2010-N-1000 | Accuris qMAX Gold, no ROX qPCR MasterMix   | 1000      |
| PR2010-L-100  | Accuris qMAX Gold, low ROX qPCR MasterMix  | 100       |
| PR2010-L-500  | Accuris qMAX Gold, low ROX qPCR MasterMix  | 500       |
| PR2010-L-1000 | Accuris qMAX Gold, low ROX qPCR MasterMix  | 1000      |
| PR2010-H-100  | Accuris qMAX Gold, high ROX qPCR MasterMix | 100       |
| PR2010-H-500  | Accuris qMAX Gold, high ROX qPCR MasterMix | 500       |
| PR2010-H-1000 | Accuris qMAX Gold, high ROX qPCR MasterMix | 1000      |

Accuris also offers a line of cDNA synthesis kits. Please inquire for details.