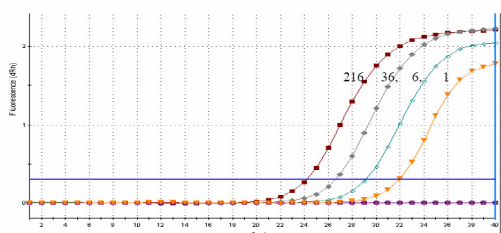


Make Quantitative RT-PCR Faster with QCell-Pro One-Step qRT-PCR SuperMix

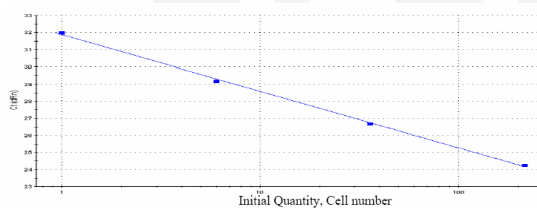
Combine RNA isolation, reverse transcription, and PCR in one step, this is what we can do with QCell-Pro One-Step qRT-PCR SuperMix

The fastest way to do quantitative RT-PCR

- Flexible and convenient – quantitating gene expression in cells (without isolating RNA) or RNA in one-step format
- Save time – quick cell lysis procedure, and ready-to-use supermix reducing setup time and liquid handling steps
- High Sensitivity – qRT-PCR from as low as 1 cell or 1 pg total RNA.
- Versatile – compatible with a wide variety of cell lines



$Y = -3.304 \log(x) + 31.88$, $R^2 = 0.999$, Efficiency = 100.8%



Initial Quantity, Cell number

BioChain's QCell-Pro One-Step QRT-PCR SuperMix provides sensitive detection down to a single cell.

K562 cells were lysed according to the cell lysis protocol. 6-fold serial dilution of cell lysate were prepared from 216 cells to 1 cell. GAPDH gene expression was detected using BioChain's QCell-Pro qRT-PCR kit on Stratagene's Mx3005P

Applications

- Real-Time RT-PCR
- Gene expression profiling
- Gene knockdown verification
- Array Validation