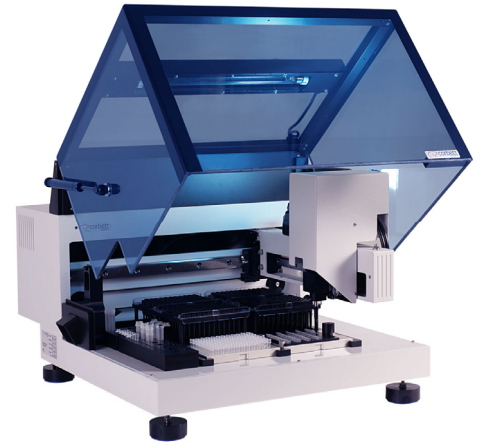


EXAMPLE CUSTOMER DATA

CAS-1200™

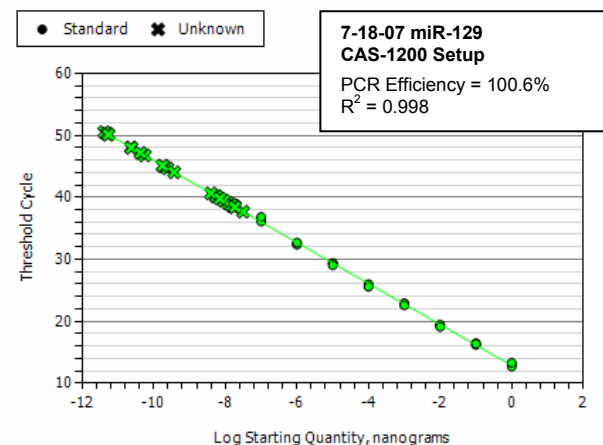
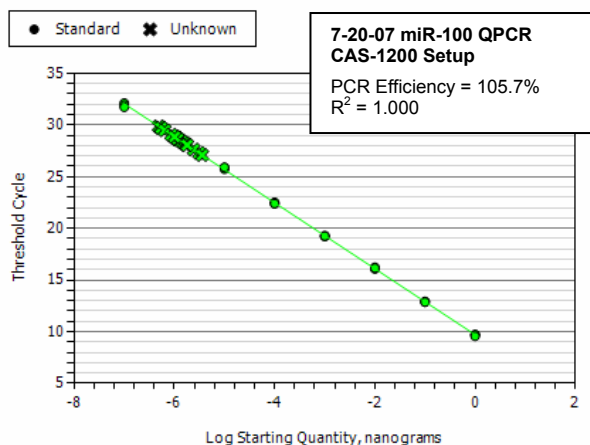
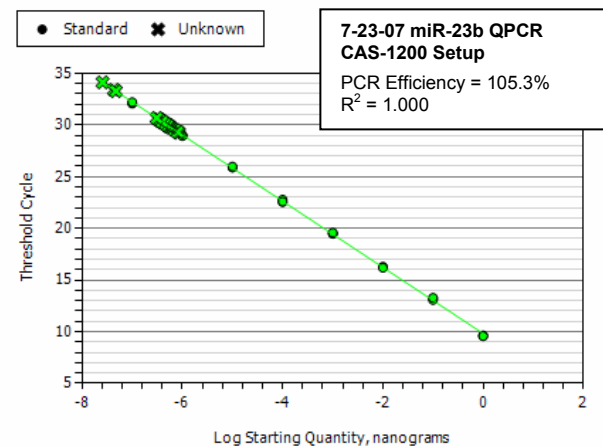
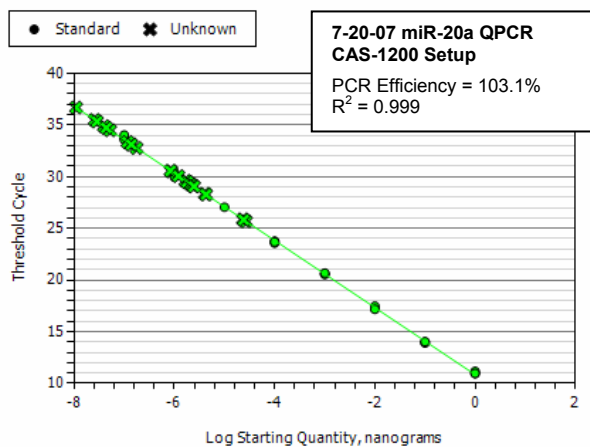
automated PCR setup

A CAS-1200 Automated PCR Setup robot is a high precision instrument designed to automate reaction setup for quantitative real-time PCR. Because it's compatible with any type of reaction tube, plate or capillary reaction format used for real-time PCR it is compatible with any brand of real-time instrument. Compared to other robots the CAS-1200 is more versatile, easier to use, more compact and less expensive to own and operate.



The Data Speaks For Itself.

The standard curve charts and calculated data below are from a recent customer demonstration and provided courtesy of Chris Jay, PhD (Sr. Research Associate, Gradalis, Inc., Dallas, Texas). Chris repeatedly set up standards and 96-well reactions with a CAS-1200. Tip re-use was set to 8 times (the CAS-1200 can be set to intelligently re-use tips a specified number of times). Further setup details can be found at the end of this document. Each data set is summarized from standard PCR quantification reports (base line subtracted curve fit data [FAM] run and analyzed on a Bio-Rad iCycler instrument and software. Similar results can be expected with any other 96-well real-time instrument.

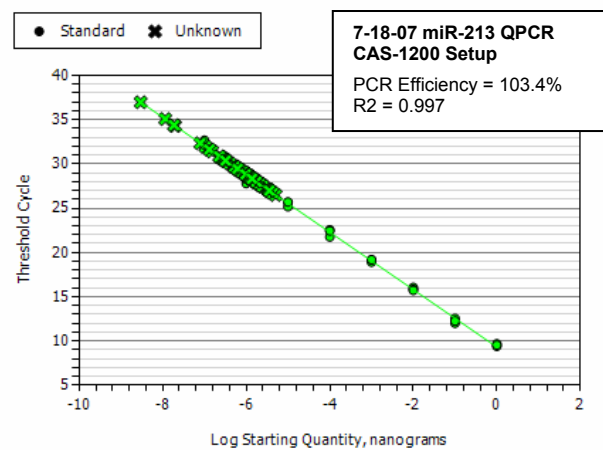
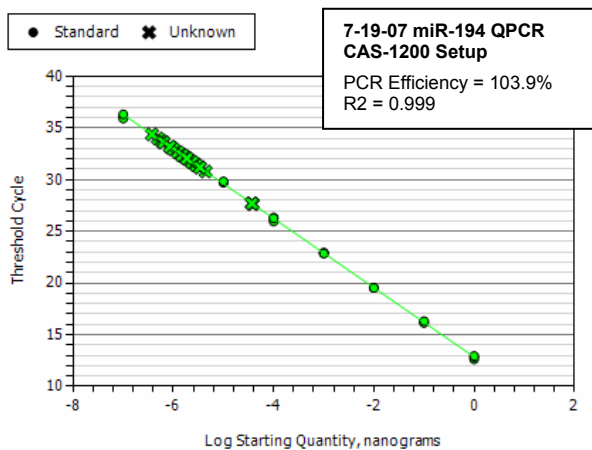
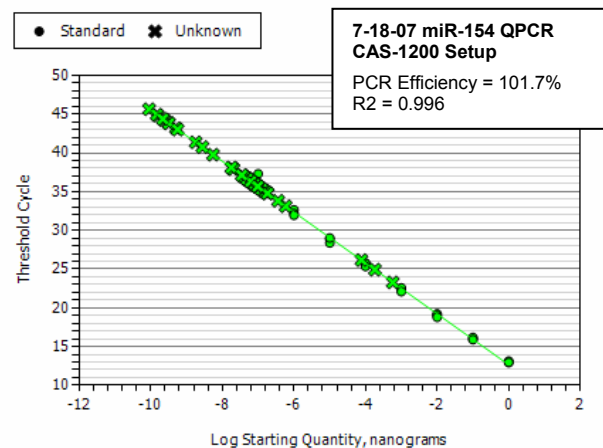
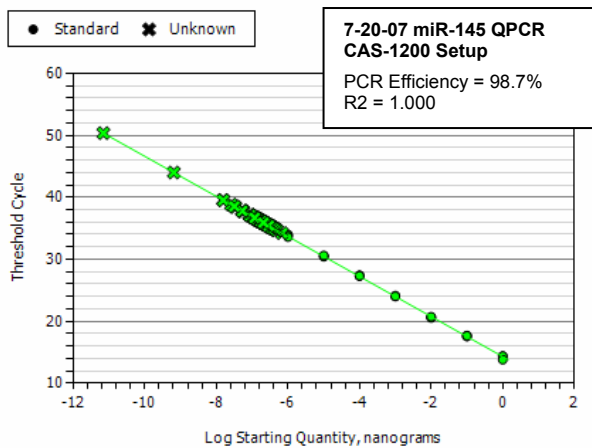
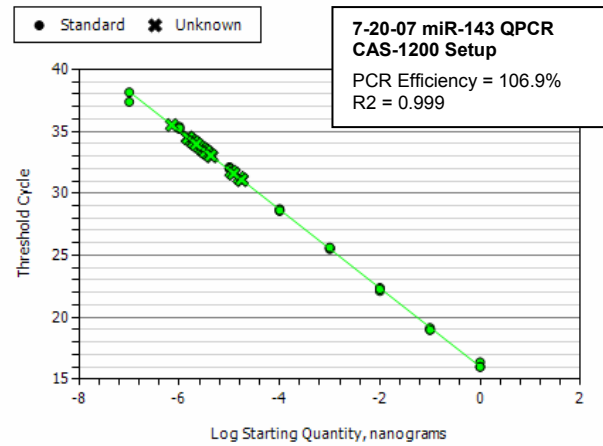
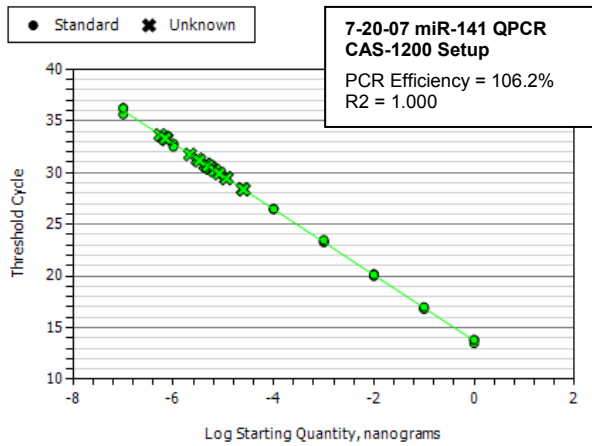


CAS-1200™

automated PCR setup

EXAMPLE CUSTOMER DATA

For product information visit www.PCRsetup.com

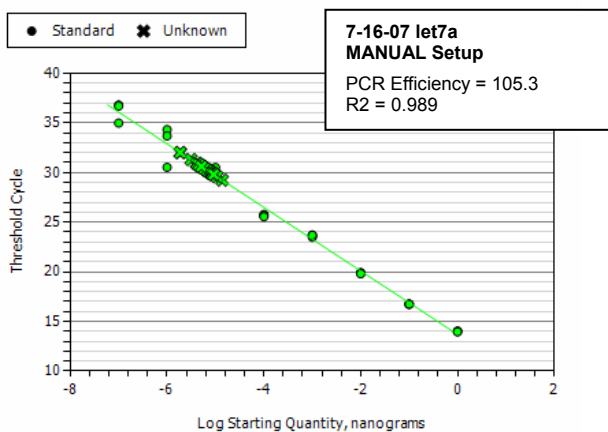
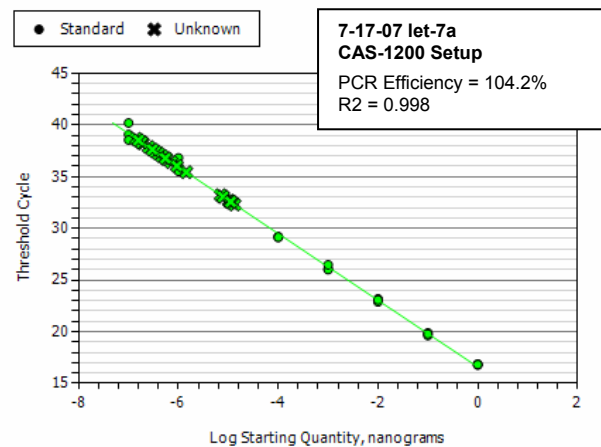
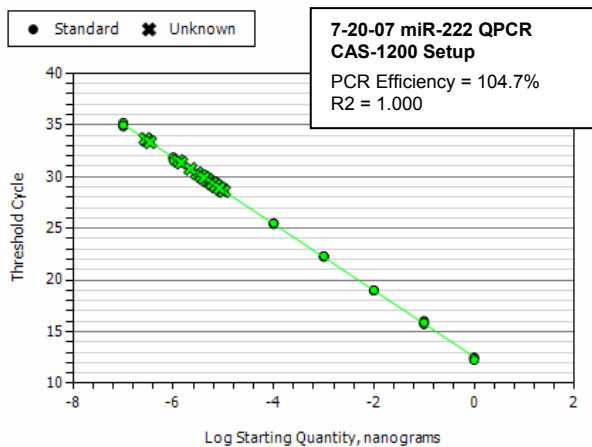
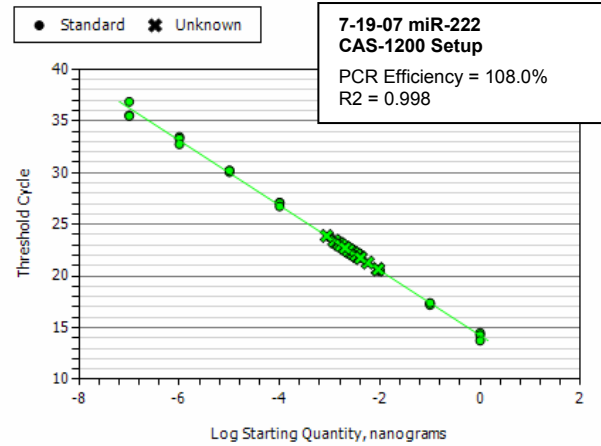
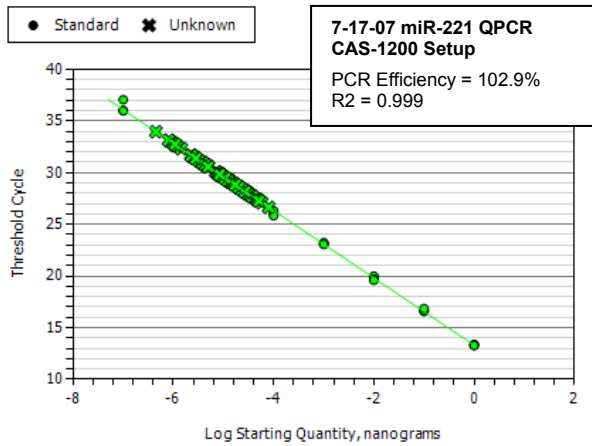


CAS-1200™

automated PCR setup

EXAMPLE CUSTOMER DATA

For product information visit www.PCRsetup.com



Experimental notes from Chris Jay:

"We actually made a master mix. The volumes below are for 1 well. If done manually, I multiply the master mix times the total number of wells, and add 10% for pipetting error. For the robot, I set up the reaction mix per well, and the software calculated how much primer, 2x Taq mix, and water I needed, and the robot made the master mix. Then it transferred 18.67 μ L MM per well and added 1.33 μ L of appropriate DNA."