

SPECIAL PROMO PRICE:

\$16,895

*Includes: Azure Cielo 6, analysis software, and 18 months of warranty.
Offer valid 04/01/24 - 06/30/24



**DON'T MISS OUT ON THIS AMAZING DEAL!
GET YOUR HANDS ON A COMPLETE QPCR
PACKAGE AT A SPECIAL OFFER TODAY AND
TAKE YOUR RESEARCH TO THE NEXT LEVEL.**

The **Azure Cielo** is a 96-well real-time PCR machine that features innovative and high-performance optical technology with broad application compatibility.



Equipment/Software

ITEM #	NAME	DESCRIPTION
AIQ060	Azure Cielo 6 qPCR	6-Channel Real-Time PCR System, and PC Compatible software for remote control and data analysis

Key Benefits are:

- Unparalleled data uniformity
- Shorter run times
- Data emailed after run completion
- Multiplex qPCR of up to six-targets

Compatible Reagents



ITEM #	NAME	DESCRIPTION
PR2000-N	PR1MA™ qMAX Green qPCR Mix with Blue Tracking Dye, No ROX	Ready-to-use 2X master mix with qMax Green w/ Blue Tracking Dye., No ROX.
PR2001-N	PR1MA™ qMax Probe qPCR Mix, No ROX	Ready-to-use 2X master mix for use with TaqMan, Scorpion, and molecular bean probes. No ROX.

Compatible Consumables: 96-Well Plates and Seals



ITEM #	NAME	DESCRIPTION
PR-PCR2196LC-W	PR1MA™ Semi-Skirted PCR Plates	0.1 mL LightCycler Type, White H12 Cut. Qty 10 plates.
PR-PCR2196LC	PR1MA™ Semi-Skirted PCR Plates	0.1 mL LightCycler Type, Natural H12 Cut. Qty 10 plates.
PR-PCR1196	PR1MA™ Non-Skirted PCR Plates	0.1 mL, Natural H12 Cut. Qty 20 plates.
PR-PCR1196-W	PR1MA™ Non-Skirted PCR Plates	0.1 mL, White H12 Cut. Qty 20 plates.
TS-RT2RR-100	ThermalSeal® RT2 Sealing Film	Optically Transparent, Highly Conformable Adhesive. Individual Sheets (Smaller Cut). Qty 100 seals.
TSS-RTQ-100	ThermalSeal® RTS Silicone Sealing Film	Optically Clear, Pressure Activated, Non-tacky, Silicone Adhesive. Qty 100 seals.

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Why should you choose the Azure Cielo?

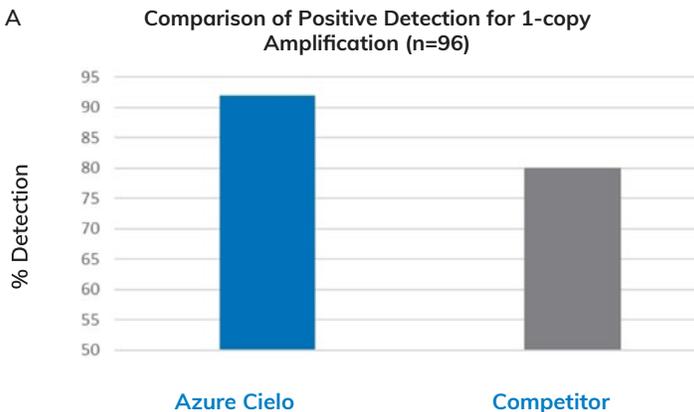
1. SPEED

- Achieve sub-25 min run times for full plate protocols
- Get your results faster and do more samples per day

Azure Cielo	22 minutes
Competitor A	28 minutes
Competitor B	33 minutes

2. SENSITIVITY

- The Azure Cielo can detect a single copy of a gene in a well more frequently than the competition
- Additionally, low C_q values means you will never miss a positive result



B

qPCR System	Average C _q	Std.Dev	C _q Competitor - C _q Azure
Azure Cielo	36.39	0.91	2.14
Competitor	38.53	1.161	

Competitor Q uses a single light source to excite all samples.

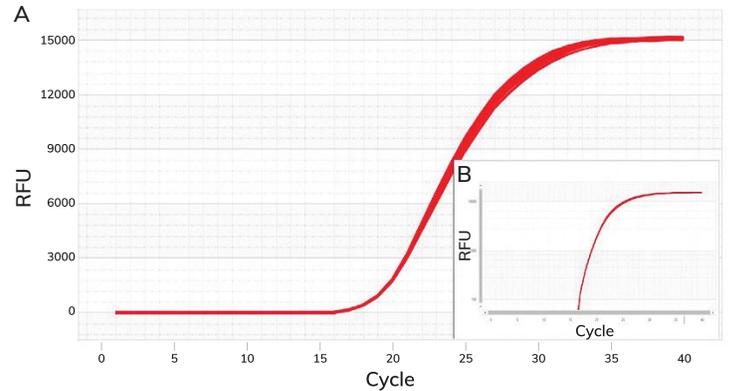
Differences in light path length lead to differences in excitation, which requires normalization. Though Competitor Q has said that they do not require normalization dyes, this is not reflected in the data as the data CV values for replicates is significantly higher.

Why doesn't the Cielo require ROX dye?

The Cielo does not require ROX dye because it uses in-well detection technology. The light path for excitation and reading emission are collimated directly into the well. As such, the light path length is always the same for each well, so there is no need to normalize for varying light path length. The data from the Cielo is consistently uniform and reproducible.

3. HIGH DATA QUALITY

- Expect superior uniformity between replicates and excellent reproducibility
- Resulting in data that is consistent from experiment to experiment without the need for ROX normalization



Unparalleled uniformity. Amplification curves for 96 replicates shown on a linear plot (A) and a logarithmic plot (Figure B). In each well, 105 copies of GAPDH template were amplified in the presence of GAPDH primers and BioRad™ Sso Advanced SYBR Green Mix®. Average C_q = 19.1, Coefficient of variance (Cv)= 0.002.

4. CONVENIENCE

- No need to wait in lab
- Data is emailed once the run is complete

