

THE UBIQUITOME **LIBERTY16**



STAY AHEAD OF THE CURVE

EARLY FAST OPEN CONNECTED RT-PCR

The Liberty16 is your **personal qPCR machine**.

Run your samples without waiting, using a beautiful device that sits neatly on **your bench**.

DESIGNED WITH YOU IN MIND

Designed from the ground up to fit in with you, the Liberty16's footprint will fit with whatever space you have to work with, wherever you are. Low profile by design, it's easy to reach over to access other parts of your workspace or to be put away in a drawer to maximize your flexibility.

Away from a power outlet but still need to get work done? We have you covered with a state of the art internal rechargeable lithium ion battery offering 2-3 hours of cord free run time.

It even has a robust, stylish aluminum casing which makes it stand out wherever you are.

It doesn't even need a laptop to run. Download the powerful Ubiquitome iPhone app from the App Store. It allows you to set up your run, view the run in progress, call Cq's dynamically and even upload your data to share in the cloud.

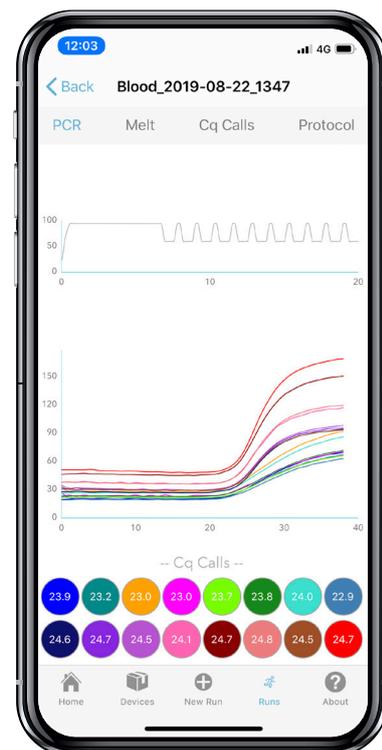


Figure 1: iPhone app featuring a run – connects wirelessly to Liberty16 via Bluetooth®.

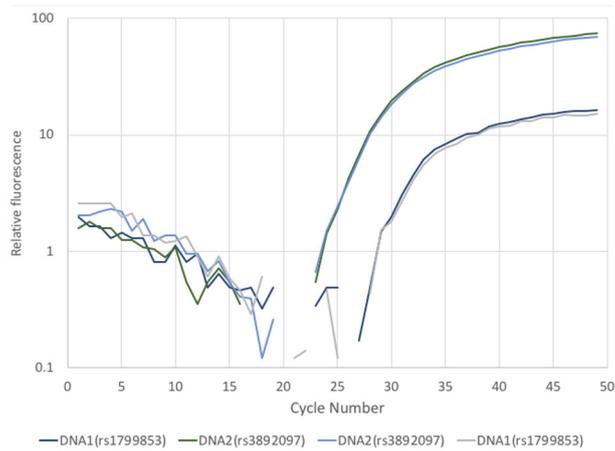


Figure 2: Liberty16 featuring two different Taqman assays in duplicate.

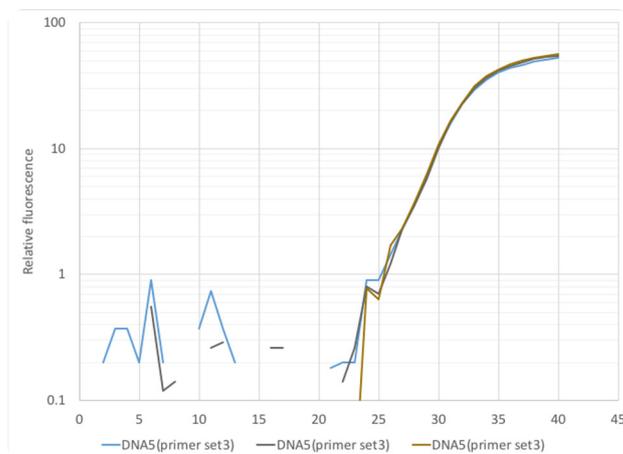


Figure 3: Liberty16 reproducibility in triplicate with SYBR.

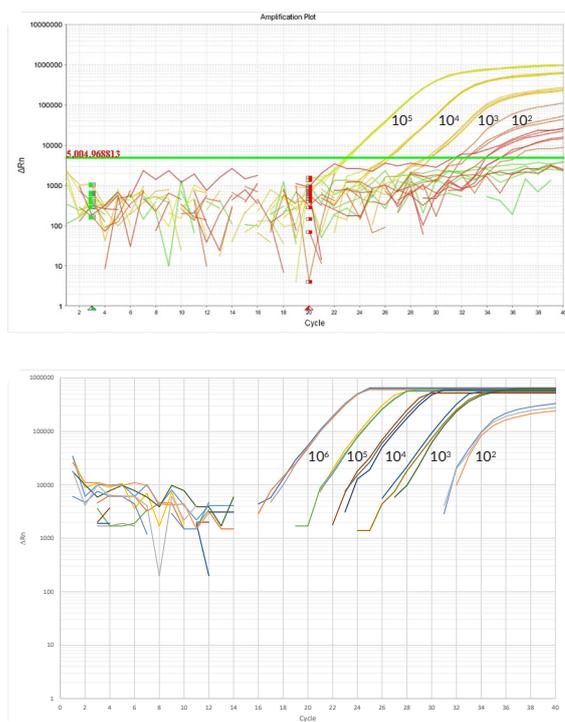


Figure 4: IDT Primetime® FAM labelled-ZEN quenched primer probe designed to target Zika virus with Promega GoTaq® One Step Mastermix. Top panel ABI 7500. Bottom panel Liberty16.

OUT OF THE BOX PERFORMANCE WITH THE TOOLS YOU TRUST

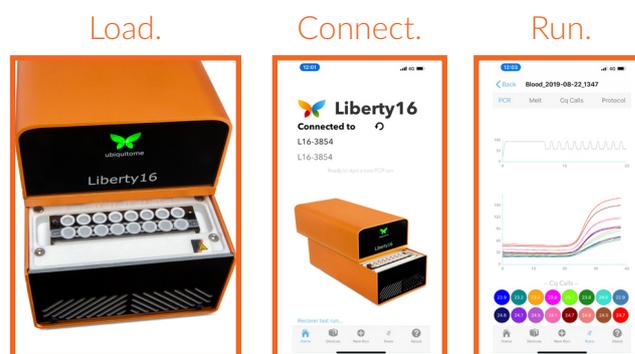
Whether you love Taqman® (Figure 2) or SYBR® (Figure 3), as an open platform, the Liberty16 has you covered with gold standard performance whatever master mix you prefer.

Benchmarked to the best, you don't sacrifice performance for convenience (Figure 4).

Liberty16 also uses the industry standard 8 strip PCR tube and flat cap format so you have one less variable to worry about in your qPCR experiments.

Real time PCR on your terms is here, without compromise.

www.ubiquitomebio.com



SPECIFICATIONS

| | |
|------------------------|---|
| Block Format | 16 wells |
| Thermal system | Peltier-based system |
| Consumables | Industry standard 8 strip PCR tube and flat caps |
| Sample volume | 10µl to 40µl |
| Average ramp rate | 2.3°C/sec |
| Ambient operation | 10°C - 40°C |
| Calibrated dyes | SYBR Green, FAM |
| Data collection | Data collected for all wells |
| Battery | Internal - rechargeable lithium ion |
| Real-Time PCR run time | As little as 20mins |
| Outside dimensions | Length closed: 21.2 cm Width: 11 cm Height: 11.5 cm |
| Weight | 2.5 kg |
| Charger | Included (input AC:100-240V) |

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