

The UBIQUITOME LIBERTY16



ubiquitome



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 in 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 by a state of the art internal rechargeable lithium ion bat-

tery 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.

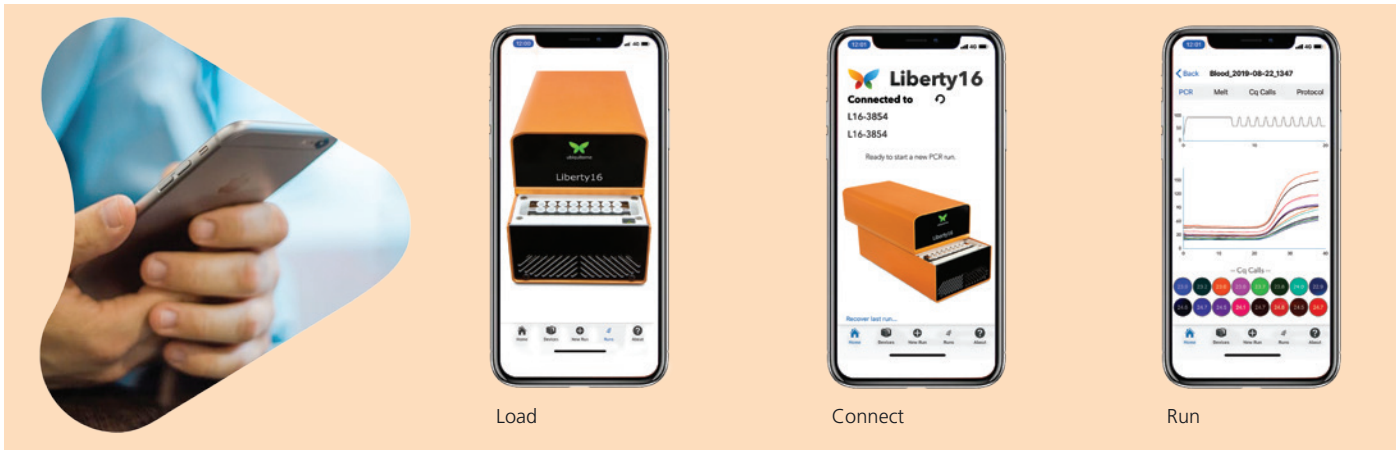
Liberty16 key features

- Offers great quality and value
- Fits easily into your workspace
- Is light, compact and easy to move around
- Comes with a sliding lid so samples are easy to load
- Is designed for individual use, meaning you can test samples without waiting



Delivering growth – in Asia and beyond.

Easy set-up and run via mobile technology



Load

Connect

Run

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.

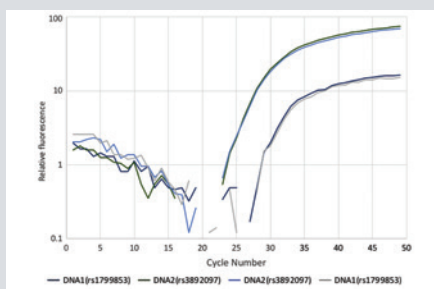


Figure 2: Liberty16 featuring two different Taqman assays in duplicate.

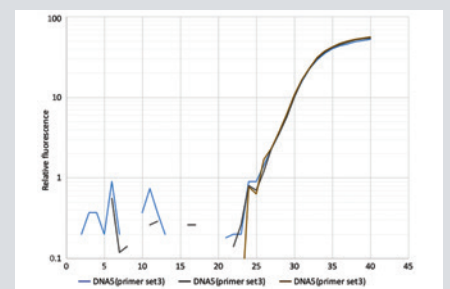


Figure 3: Liberty16 reproducibility in triplicate with SYBR.

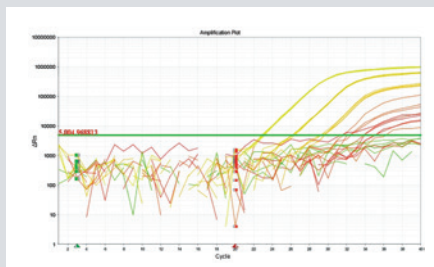
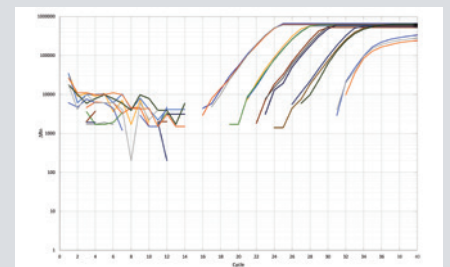


Figure 4: IDT Primetime® FAM labelled-ZEN quenched primer probe designed to target Zika virus with Promega GoTaq® One Step Mastermix. Top panel ABI 7500. Bottom panel Liberty16.



Specifications

Block format	16 wells
Thermal system	Peltier-based system
Consumables	Industry standard 8 strip PCR tube and flat caps
Sample volume	10 µl – 40 µl
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: 11cm, Height: 11.5 cm
Weight	2.5 kg
Charger	Included (input AC:100 – 240V)

Contact details

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