

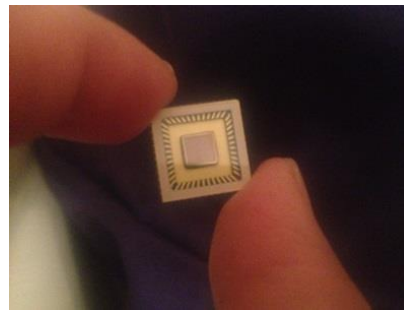


enable portable molecular testing

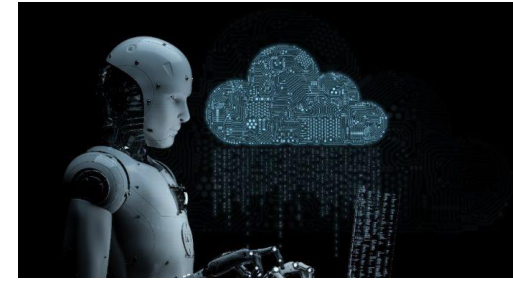
Maverick™ qPCR by Anitoa



Portable qPCR



Bio-Photonics



AI and Cloud



RT-PCR assays



Fluorescence and Chemiluminescence



Outdoor testing accessories



Development kits



Manufacturing

Current application areas



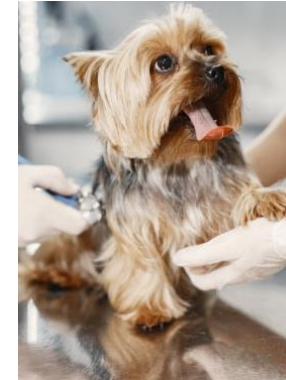
Clinical testing



Research



Food safety



Pet testing



Livestock testing



In home testing



Pandemic control



Transportation testing



Agriculture and fishing

meet Maverick...

16, 8, and 4 well
portable qPCR systems
with 4 channel
(FAM/HEX/ROX/CY5)
optics



FQ x4



MQ x8



MQ x16

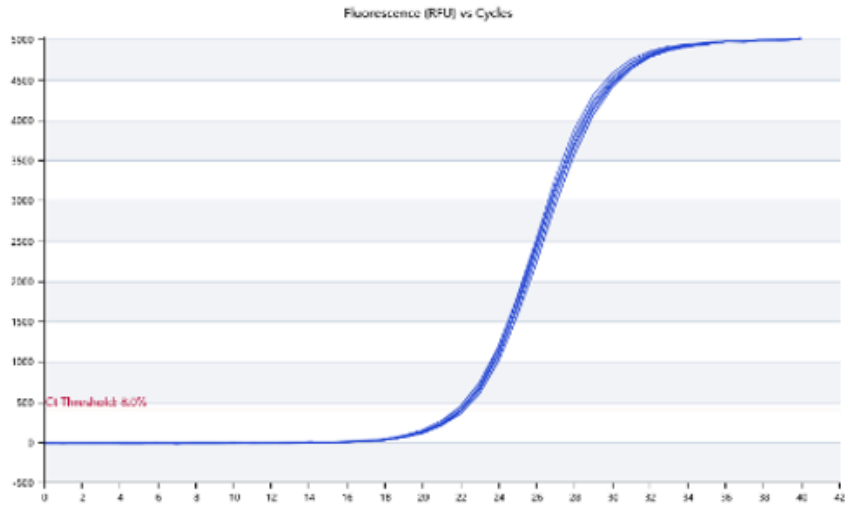
Maverick™ qPCR Features

- ✓ Fast reaction time, <20 min for 40 cycles. > 5 degree/s heating, >4 degree / sec cooling
- ✓ Compact and all solid state design. No internal moving parts, and calibration-free operation.
- ✓ Multi-wavelengths 4*-channels fluorescence sensing capability. Equipped with ultra-low-light sensitive CMOS-based fluorescent imager.
- ✓ Intuitive easy-to-use cross-platform software, with cloud connectivity.

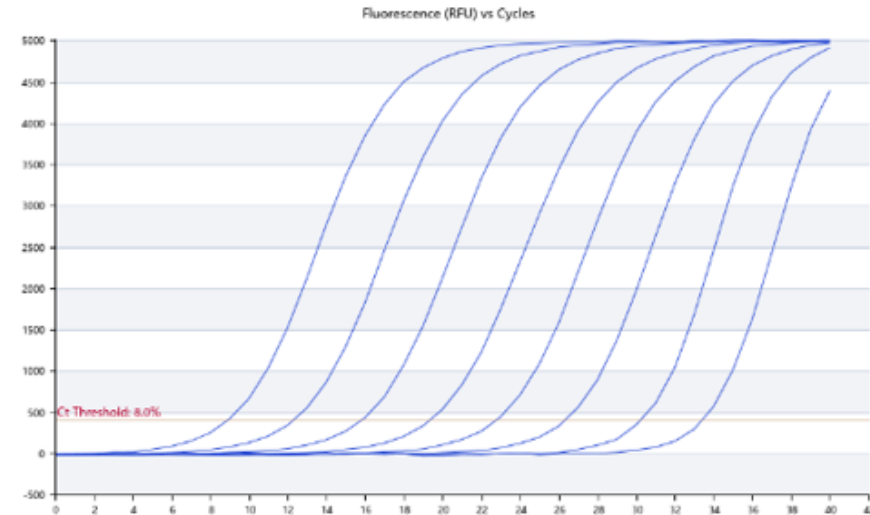


* 6 – channel devices available Q1-23

Exceptional uniformity and linearity



*Measurement results of detecting the same sample in 8 wells
Reagent: Bacterial gene detection kit
Template: Positive Control Mix (2 x 10⁴ copies/μl)*

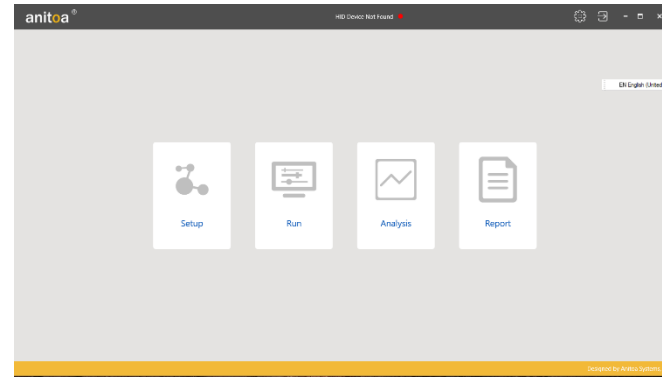


*Measurement results for 10-fold serially diluted samples from a minimum of 10 copies
Reagent: TB Green Fast qPCR Mix (Cat. #RR430S/A/B) Target: KRAS_G12D*

Intuitive software and cloud connectivity



- Multi-platform software
 - Windows® software
 - Android software
- Cloud connectivity
 - Data backup
 - User authentication
 - Over-the-air configuration and experiment template.
- Free
 - Freely downloadable from Anitoo web site. Updated automatically



Windows® software



Android SW for touchpads or handsets



Cloud connectivity with end-to-end security and AI support

Certifications

- FDA Class-2 (510k Exempt)
- CE-IVD
- FCC
- ISO 9001
- ISO 13485
- etc.

FDA

FDA Home³ Medical Devices⁴ Databases⁵
Establishment Registration & Device Listing
[New Search](#) [Back To Search Results](#)

Proprietary Name: Fluorescence Quantitative PCR Detection System(MQ4041, MQ4042, MQ4044, MQ4081, MQ4082, MQ4084, MQ4161, MQ4162, MQ4164); Real time fluorescence quantitative PCR instrument

Classification Name: REAL TIME NUCLEIC ACID AMPLIFICATION SYSTEM

Product Code: QQI⁶

Device Class: 2

Regulation Number: 862.2570⁷

Medical Specialty: Clinical Chemistry

Registered Establishment Name: [ANITOA BIOTECHNOLOGY \(HANGZHOU\) CO., LTD.](#)⁸

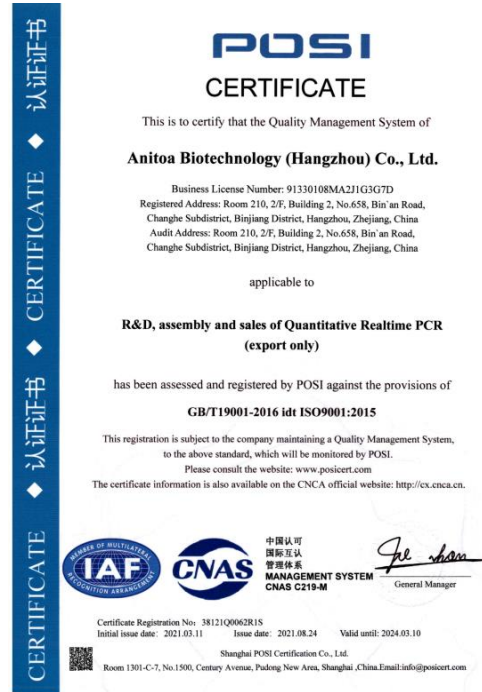
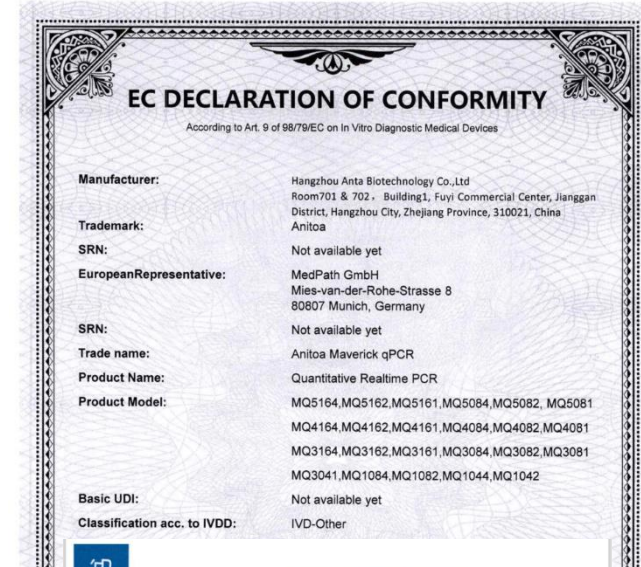
Registered Establishment Number: 3020746890

Owner/Operator: [AnitOA Biotechnology \(Hangzhou\) Co., Ltd.](#)⁹

Owner/Operator Number: 10082601

Establishment Operations: Manufacturer

- Links on this page:
1. <http://www.addthis.com/bookmark.php?u508=true&v=152&username=fdaman>
 2. <http://www.addthis.com/bookmark.php>
 3. <https://www.fda.gov/>



Product support – MaverickCare™



Included 1 year product warranty and extended multi-year warranty



Fast response tech support



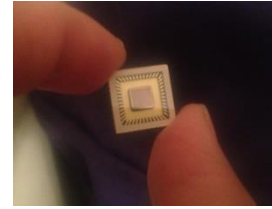
Accessories (field battery shown) and spare parts support



Documents and software support: Product IFUs, SW downloads. Regulatory and quality control documents

About Anitoa – Democratize molecular testing

- **Founded 2013**
 - Silicon Valley: Anitoa Systems, LLC, Sunnyvale, California
 - Hangzhou, China: Anitoa Biotechnology Co, Ltd
- **Designed and manufactures world's most sensitive CMOS bio-optical sensor**
 - Created Maverick Line of portable multiplex qPCR systems
 - IP protected by US and international patents
- **CE, CE-IVD, US FDA certificates and registration**
 - ISO 9001, ISO 13485 manufacturing facilities in US (Fremont, CA) and China (Hangzhou, China)
- **Serving customers world-wide**
 - Asia, Mideast, Africa, US/Canada, South America, and EU...



Coming up – MQ x96, x48, 6 channel optics

- MQ x96 and x48 , 96-well and 48-well systems
 - independent modular reactive bays
- 5, 6 channel optics
 - FAM/HEX/TET/TAMRA/ROX/CY 5/ etc...

