

RAA – Rapid nucleic acid testing

Product Sheet

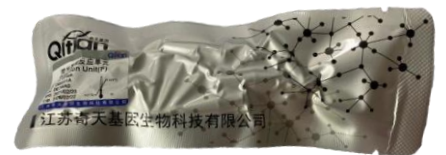
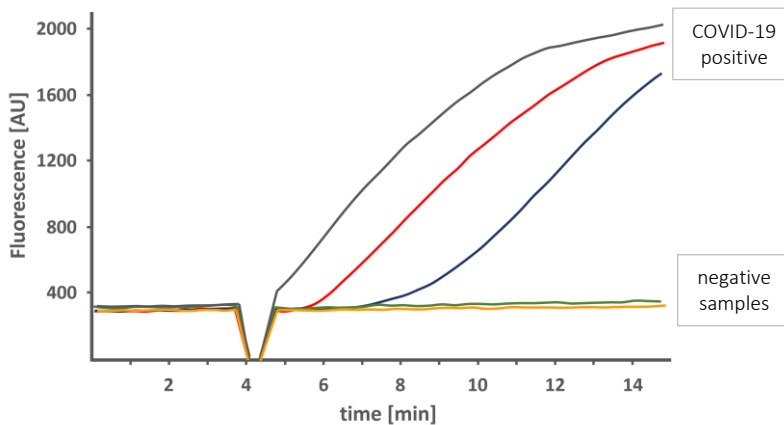


What is RAA?

- RAA stands for **R**ecombinase **A**ided **A**mplification, it was developed and is manufactured by Jiangsu Qitian Gene Biotechnology Co., Ltd.
- RAA is an isothermal amplification technology that provides **molecular results in 5 to 15 minutes**
- Different kit configurations available for **RNA and DNA amplification**:
 - For gel-based end-point detection
 - For fluorescence-based real-time detection
 - For lateral flow strip-based detection



buffers, primers, probe



lyophilized mastermix in amplification tubes



What are the advantages of RAA?

- **Superior speed** compared to PCR while having **equivalent sensitivity** – Molecular RNA detection in less than 15min!
- Incubation at constant temperature (39-42°C) – no PCR cyclers required, **Portable instruments** with multi-channel fluorescence detection available
- **Mastermix is aliquoted** in amplification tubes **and lyophilized** for your convenience
- **RT enzyme included** in RNA amplification kits
- Primers and probes designed for RPA (by TwistDx, UK) amplification can directly be used for RAA
- Supports true Point-of-Care testing (Example: [youtube.com/watch?v=1eiHMzBb4tE](https://www.youtube.com/watch?v=1eiHMzBb4tE))



Xpedite Diagnostics is authorized distributor of Qitian RAA products
Contact information: www.xpedite-dx.com | info@xpedite-dx.com

