

*DirectFast*

**Real-Time PCR/RT-PCR**



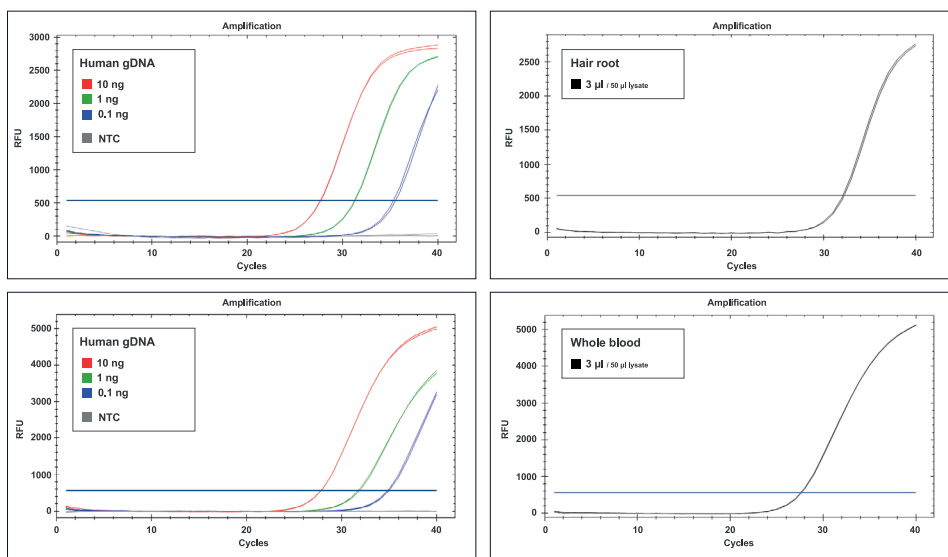
**Direct & Fast & Multiplex Real-Time Amplification**

# RealHelix™ DirectFast qPCR Kit

- **Direct:** DNA extraction-free
- **Fast**(< 30 minutes) or **ultrafast**(< 20 minutes) for 40 cycles
- **Multiplex:** Up to 5-plex probes in a reaction
- **Ab-based hot start *Taq* polymerase / UDG system**

## ■ Direct and Fast Real-Time PCR from Human Samples

### Human $\beta$ -globin gene [FAM]

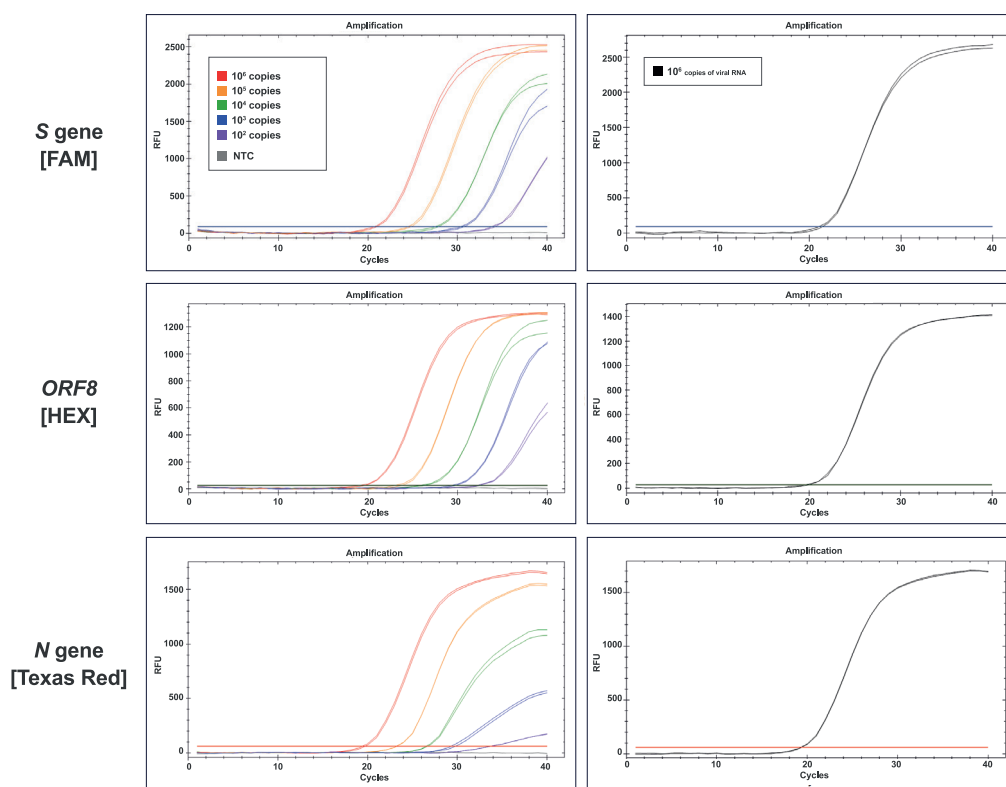


\* Instrument: CFX96(Bio-Rad)

# RealHelix™ DirectFast qRT-PCR Kit

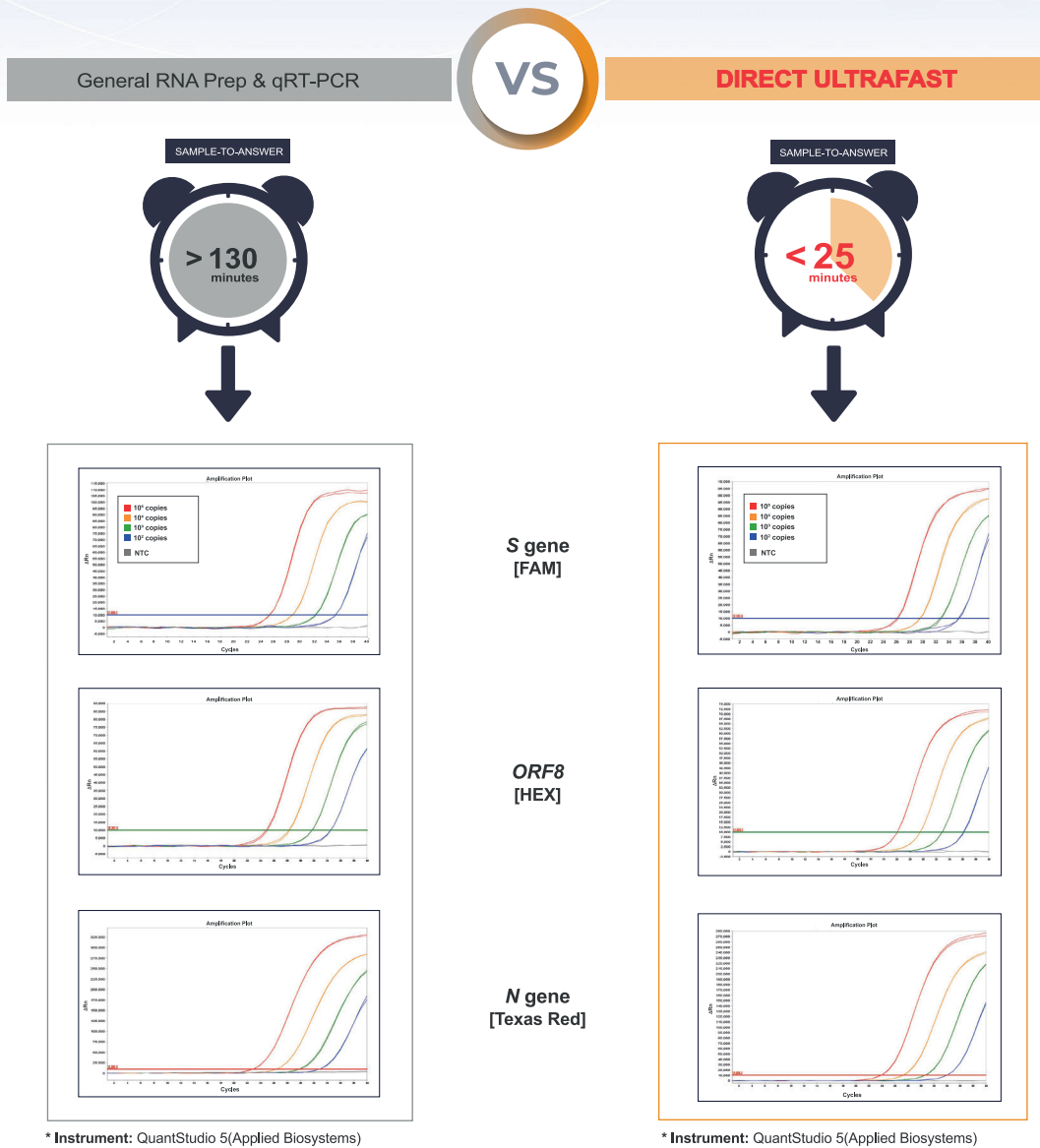
- **Direct:** RNA extraction-free
- **Fast**(< 45 minutes) or **ultrafast**(< 25 minutes) for 40 cycles
- **Multiplex:** Up to 5-plex probes in a reaction
- **Ab-based hot start Taq polymerase / Thermostable RTase / UDG system**

## SARS-CoV-2 RNA



\* Instrument: CFX96(Bio-Rad)

■ Ultrafast qRT-PCR: Speedy Solution for RNA Detection



## **DirectFast** qPCR & qRT-PCR



**NUCLEIC ACIDS  
EXTRACTION-FREE**



**FAST (FOR 40 CYCLES)**  
qPCR: < 30 MIN / qRT-PCR: < 45 MIN



**MULTIPLEX UP TO 5-PLEX / RXN**

## Ordering Information

<b>Product</b>	<b>Size</b>	<b>Cat. No.</b>
RealHelix™ <i>DirectFast</i> qPCR Kit (V1a)	100 tests	DFQPU-A100
RealHelix™ <i>DirectFast</i> qRT-PCR Kit (V1a)	100 tests	DFQRU-A100

<b>Bulk Product</b>	<b>Size</b>	<b>Cat. No.</b>
RealHelix™ <i>DirectFast</i> qPCR Kit (V1a), Bulk	Custom	BDFQPU-A
RealHelix™ <i>DirectFast</i> qRT-PCR Kit (V1a), Bulk	Custom	BDFQRU-A



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