



GUANGDONG ARDENT BIOMED CO., Ltd.

4th floor of C1 Building, No.11Kaiyuan Road Science City High-tech Industrial Development District,Guangzhou City, Guangdong 510530, China

0086 755 27806973

Derek@ardentbiomed.com.cn Mia@ardentbiomed.com.cn Carl@ardentbiomed.com.cn

www.ardentbiomed.com.cn & www.bifour.com



FDA | CE



LYOPHILIZED

Novel Coronavirus (COVID-19) Nucleic Acid Detection Kit
(PCR-fluorescent Probe)



NOVEL CORONAVIRUS (COVID-19) NUCLEIC ACID DETECTION KIT

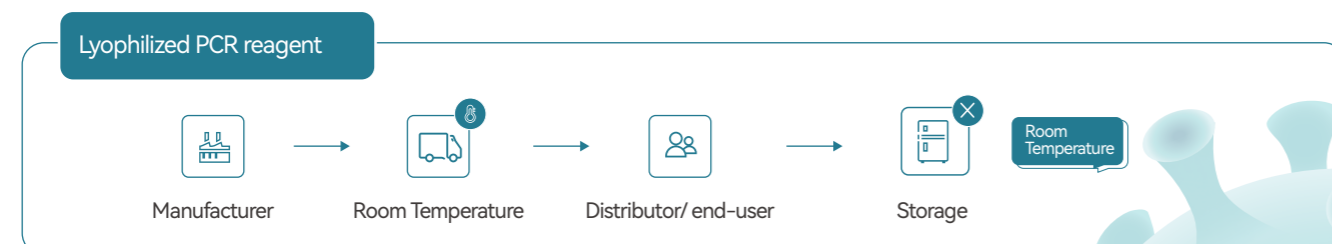
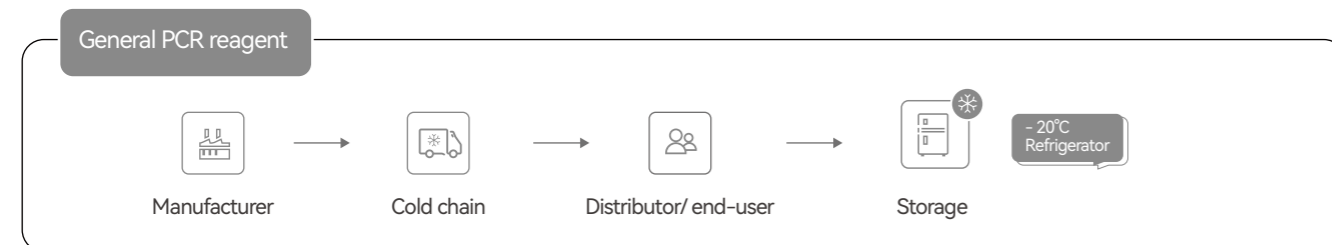
As the world's advanced IVD manufacturer, we have developed sensitive and specific qPCR assays for the detection of SARS-CoV-2. Compared with other brand's PCR reagent, we adopted advanced lyophilized technology, the kit can be stored and transported at room temperature, more economical and convenient.

TECHNICAL PARAMETERS

Test Principle	PCR-fluorescent Probe
Target genes	ORF 1ab, N gene, E gene
Sample type	Swab, sputum
Minimum detection limit	100 copies/mL
Controls included	Positive control/ negative control, RNase P gene as internal control
Applicable to PCR system	ABI7500, ABI QuantStudio 6/7/12K; Roche Lightcycler®480/1536/Nano; Agilent Mx3000P/3005P; Qiagen Rotor-Gene 6000/Q; Bio-Rad CFX384/CFX96, Bio-Rad Touch/iQ5; Cepheid Smart-cycler/Smartcycler II; Eppendorf Mastercycler.
Storage and Shelf Life	12 months at room temperature

STORAGE AND TRANSPORT AT ROOM TEMPERATURE.

Lyophilized reagent, no more concerns about transportation and storage.



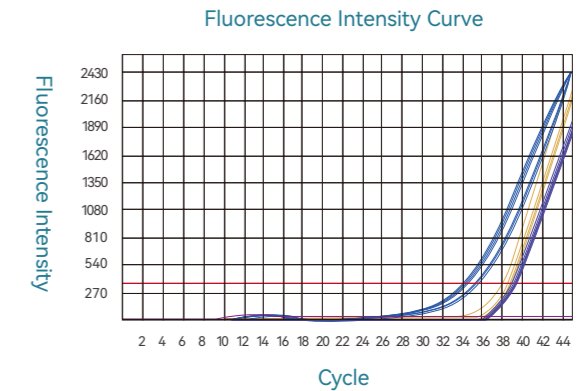
PERFORMANCE

01 High Sensitivity(100 copies/mL)



Results

The detection limit of the product after freeze-drying can reach 100 copies/mL, which is no different from that before freeze-drying.

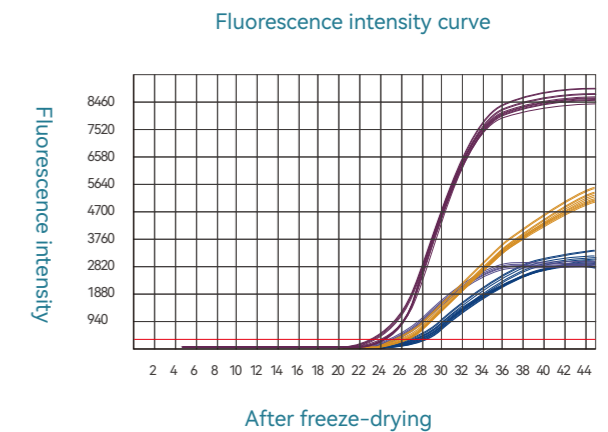
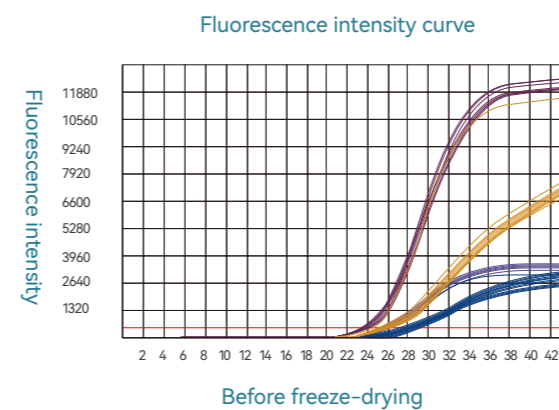


02 High Stability



Results

The fluorescence value of the four genes after freeze-drying is lower than before freeze-drying, which proves that the performance is very stable.



ORDER INFORMATION

Product name	Specifications	Catalog No.
Novel Coronavirus (COVID-19) Nucleic Acid Detection Kit (PCR-fluorescent Probe)	24 Tests/Kit	GSP3107-24
	48 Tests/Kit	GSP3107-48
	96 Tests/Kit	GSP3107-96