

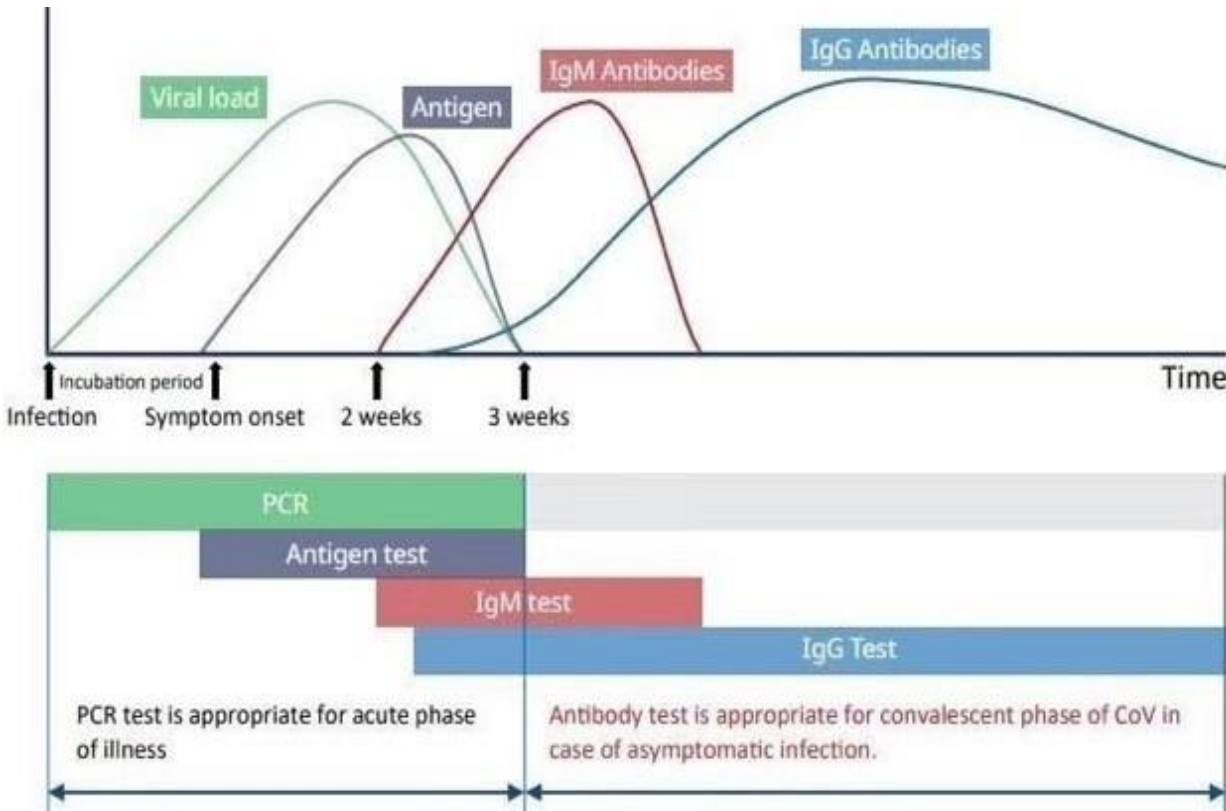


Cutting-Edge Early Detection Solution:
the Hymon™ SARS-CoV-2 PCR Test Kit
(CE Mark & FDA EUA)



SARS-CoV-2 Early Detection

Testing is the only legitimate screening & diagnosis for COVID-19



Hymon single-tube, sample-to-result SARS-CoV-2 test kit

- Detect virus in samples from respiratory tract
- Early detection with fast and ultrasensitive test
- Incubation period highly contagious, no antibodies show up yet in blood

Immuno-assay for antibodies IgM/IgG colloid gold tests

- Can't detect early viral infection as no antibody in blood at this stage



Hymon SARS-CoV-2 PCR Test Kit vs. Other qPCR Test Kits

Product	HymonBio	Roche	Thermo Fisher	Abbott	Maccura	BGI	Fosun
Specimen type	Nasal or throat swabs	Nasal or throat swabs	pharynx swabs, BALF	Nasal or throat swabs	Nasal or throat swabs	Throat swabs, BALF	pharynx swabs, BALF
RNA Targets / Detection	N/E genes / RT-PCR	N/E genes/RT-PCR	ORF1ab/N/S gene /RT-PCT	RdRp/N genes / isothermal	ORF1ab, N gene / RT-PCR	ORF1ab/RT-PCR	ORF1ab, N/E genes / RT-PCR
TAT / Format	1.5 h/96	3.5 h/96	3 h/96	5-10 m/4	4.5 h/96	4.5 h/96	4.5 h/96
Sensitivity	0.8 copies/μL	0.65 copies/μL	10 GCE/reaction	100 copies/mL	1.0 copies/μL	1.0 copies/μL	1.0 copies/μL
False Negative	< 0.01%	No data	No data	14.8%	No data	No data	No data
All reagents included	Yes	No	No	No	No	No	No
Special equipment	No	Workstation	Workstation	Isothermal analyzer	No	No	Workstation

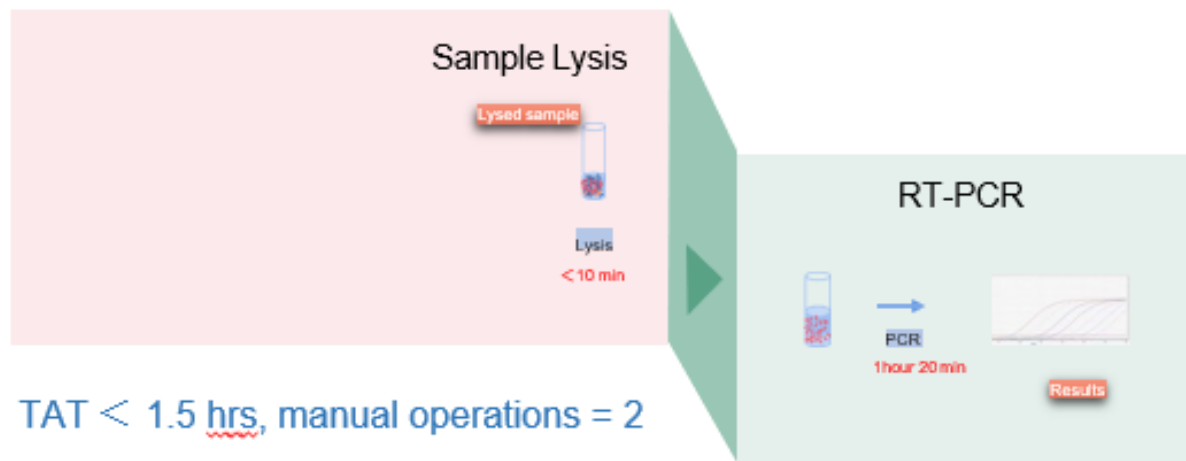


Hymon SARS-CoV-2 PCR Test Kit

- Test duration: 1.5 hours from start to finish
- No extraction, 1-step sample processing. All reagents included
- Sample type: NP/OP swabs
- Format: 96-well per kit (94 samples + 2 controls)
- Instruments: ABI 7500, Quant 5 & 7, Bio-Rad CFX and Roche LC
- LLOD: 0.8 copies/ul, positive test rate exceeding 95%
- Clinical validation: 100% performance agreement with other commercially available PCR tests

One-step sample processing: the Hymon Way

HymonTM SARS-CoV-2 Test, only 1-step for sample processing

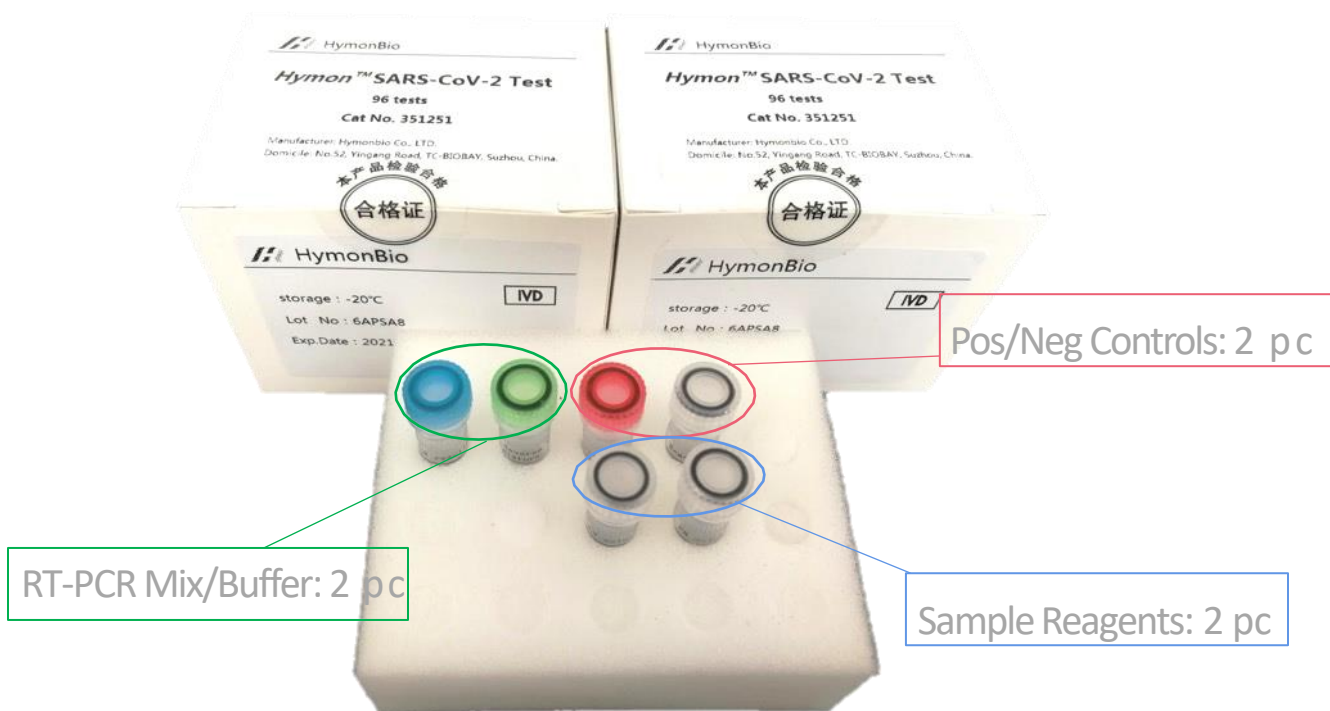


General SARS-CoV-2 Test, at least 6 steps for sample processing



The Hymon SARS-CoV-2 PCR Test Kit

Kit Reagents and Controls



Item	Size	Amount	Contents
Sample reagents			
LY Buffer Solution	500 μ L	1 tube	Tris
PN Buffer Solution	50 μ L	1 tube	Lysozyme
Nucleic acid detection reagents			
PM Buffer (PCR reaction solution)	1.3 mL	1 tube	Primers & probes, dNTPs, MgCl ₂
RE Mix (Reverse transcriptase mixture)	100 μ L	1 tube	Reverse transcriptase, Taq DNA polymerase
Controls			
PC (Positive control)	25 μ L	1 tube	Synthetic RNA
NC (Negative control)	900 μ L	1 tube	H ₂ O



Information Available

- EUA Letter of Authorization
- EUA Hymon SARS-CoV-2 PCR Test Kit IFU
- Fact Sheet – for HCP
- Fact Sheet – for Recipients
- Validation Report (ABI 7500, Q5 & Q7 etc.)
- To order, contact: rachel@cellebier.com

Ordering Information

Product	Contents	Cat. no.
Hymon TM SARS-CoV-2 Test Kit	For 96 tests	351251