

A+CheQ COVID-19 *Made in Korea*

IgM/IgG Rapid Test

A+CheQ COVID-19 IgM/IgG Rapid Test device is a qualitative membranestrip based immunoassay for the detection of IgM and IgG to Novel coronavirus in human Whole Blood/Serum/Plasma.

Product characteristics

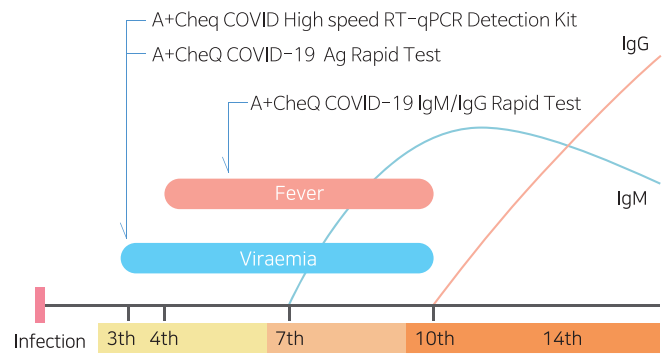
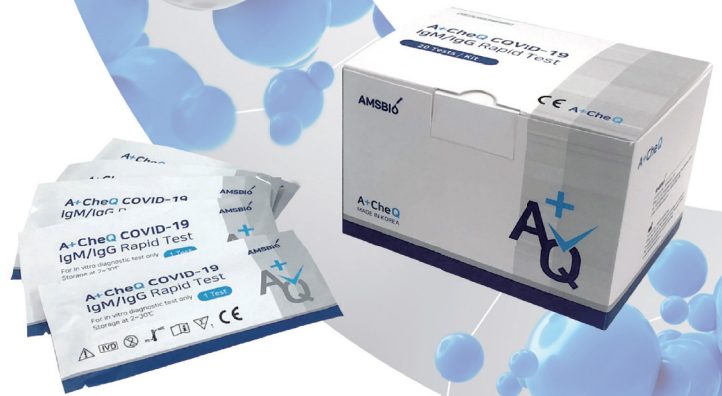
- ▶ Test within 15 minutes
- ▶ Available for human Whole Blood/Serum/Plasma
- ▶ Just 1 drop of Specimen (about 10 μ l) needed
- ▶ Simple & Convenient test procedure
- ▶ No big devices needed

Application of test methods

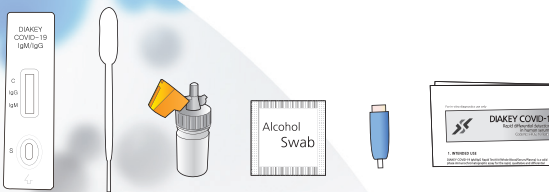
The detection of only IgM means infected with a virus and it is early.

The detection of both IgM and IgG means that about 10 days have passed since the infection.

We have also COVID-19 antigen detection kit (A+CheQ COVID-19 Ag Rapid Test), qRT-PCR Test kit (DIAKEY REALcheck COVID-19(nCOV) Detection Kit) and qRT-PCR Prep kit (REALcheck Viral DNA/RNA Prep Kit). If you want to get more information, please contact us.



Special package - 1 Test Package



Materials provided in 1 Test package

1 Test device, 1 Dropper, 1 Sample buffer, 1 Alcohol swab,
1 Lancet, 1 Insert

After COVID-19 Infection

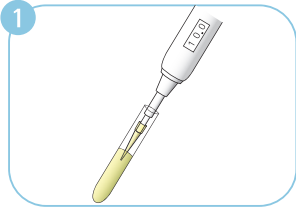
- * 3 days later A+CheQ COVID-19 Ag Rapid Test & A+Cheq COVID High speed RT-qPCR Detection Kit
- * 7 days later A+CheQ COVID-19 IgM/IgG Rapid Test

1 Test package is a kit for individual testing.
All materials needed to test are in one pouch.

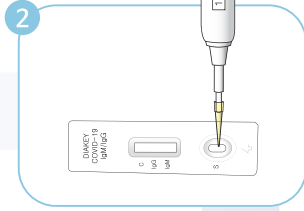
IgM/IgG Rapid Test

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*Serum / Plasma

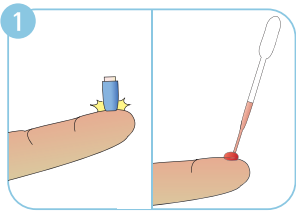


Take 10 μ l of specimen with a micro pipette.

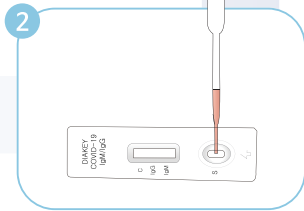


Transfer 10 μ l of specimen to the specimen well (S) of the test device.

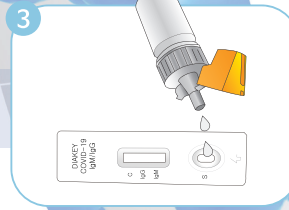
*Whole Blood



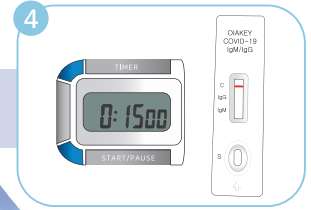
Take blood from the patient's finger with the lancet & dropper.



Transfer 10 μ l of specimen to the specimen well (S) of the test device.



Add 2 drops buffer (70 μ l) to the specimen well (S) of the test device and start the timer (15 min).

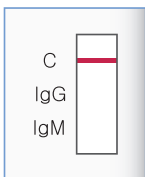


After 15 minutes, interpret the result. (negative / positive / invalid)

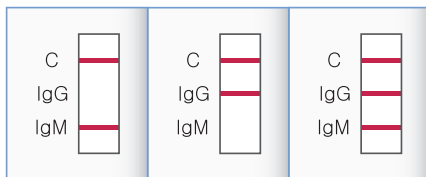
- Please do not read the result after 20 min.
- The lancet and swab are only available in the 1T package.
- 1T package is Whole blood only.

Result interpretation

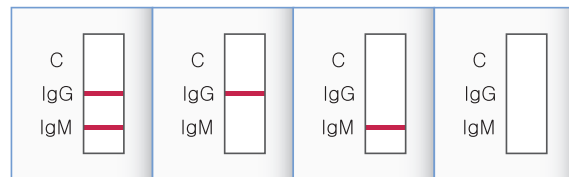
Negative



Positive



Invalid



Order information

Clinical performance

A+CheQ COVID-19 IgM/IgG Rapid test				
Cat. No.	Test	Box Size (mm)	Storage	Shelf Life
PF09	1	122g, 138×104×90	2°C to 30°C	24 months
PF09	20	188g, 138×104×90	2°C to 30°C	

- Tested in Korea
- Comparator : qRT-PCR
- Total samples : 90
- Positive samples : 60
- Negative samples : 30
- PPA : 91.67% • NPA : 100%

A+CheQ COVID-19 IgM/IgG Rapid test		Comparator / qRT-PCR		Total
		Positive	Negative	
Positive	IgM+/IgG+	47	0	47
	IgM+/IgG-	0	0	0
	IgM-/IgG+	8	0	8
Negative	IgM+/IgG-	5	30	35
Total		60	30	90

Positive Percent Agreement (PPA) = 55/60 (91.67%), 95% CI: 81.9% to 96.4%
 Negative Percent Agreement (NPA) = 30/30 (100%), 95% CI: 88.6% to 100.0%