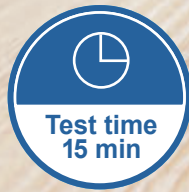


# COVID-19 IgG LF **1**test

**The industry's first** ※1  
 fully domestically produced  
 the novel coronavirus  
 antibody (IgG) detection kit for  
 research use ※1 An in-company investigation



The industry's first ※1 fully domestically produced the novel coronavirus antibody (IgG) detection kit for research use, using immunochromatography to detect antibody (IgG) against the novel coronavirus.

「QuaResearch COVID -19 IgG LF」. ※1: An in-company investigation

## Kit Contents



Test stick



Sampler



Reagent

Items needed but not supplied.  
 Please purchase separately



Lancet  
 (Finger prick)



Adhesive  
 bandage



Disinfectant  
 wipe



hemostatic  
 gauze

## Specification

Product name	QuaResearch COVID-19 IgG LF
Product code	RCGLF011
Measurement method	Immunochromatography
Test number	1test
Measurement time	15 minutes
Measurement sample	Whole blood, serum, plasma
Sample amount	10μL
Storage temperature	2°C - 28°C (12 months)

▼ Instruction video ▼




Please watch the  
 instruction video before use.


- This product is intended for research use only. NOT for diagnostic and therapeutic purposes.
- This product is sold for survey and research purposes.
- Be sure to read the instructions for use before use.
- This product shall be used at the responsibility of the user, and we shall not be responsible for any damage caused by the obtained result.

# how to use

**1** Wash hands and promote blood circulation of the fingers. Puncture the fingers with a lancet or other finger prick devices.




※If you open and close your hand or rub your fingers, blood will come out more easily.




※Please follow the instructions of the chosen lancet product.

**2** Press fingertip lightly to make a ball of rice grain-sized blood.



※Sample your blood from proper size of the drop. The sampler sometimes does not work properly when blood drop's size is too small.

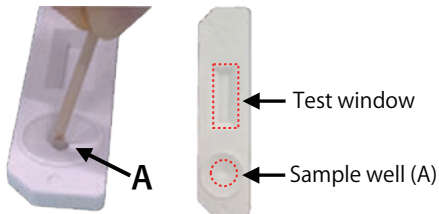
**3** Put the sampler tip on the puncture site from right above the blood ball.



Cut

※Let the blood be sucked in at least half full of the sampler.

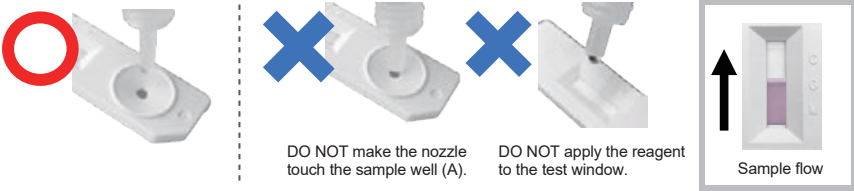
**4** Immediately bring the sampler into contact with the sample well (A) of the test stick from directly above to allow blood to soak.



Test window  
Sample well (A)

※Apply the blood to the stick before coagulation. The coagulation makes it difficult to run this test.

**5** Immediately, apply 2 drops of the reagent to the sample well (A) and let stand for 15 minutes.



DO NOT make the nozzle touch the sample well (A). DO NOT apply the reagent to the test window.

Sample flow

※If the reagent does not flow to the judgment part 60 seconds or more after sample applying, the amount of sample may be insufficient. In that case, add 1 to 2 drops of reagent to the sample well (A) and check if the reagent flows.

**6** Measure the time with a timer and visually judge between 15 and 20 minutes.

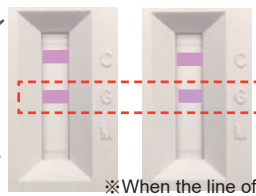
**Test window**

C Test end confirmation line  
G IgG detection line  
M IgM is NOT detected in this kit

※Check if test end confirmation line appears in C.


※ Judgment example (sample image)

**Positive**

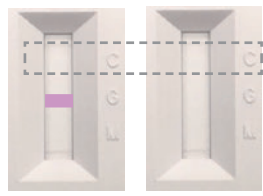


※When the line of the IgG detection is light

**Negative**

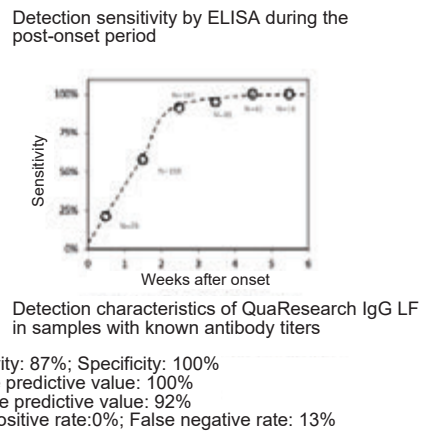
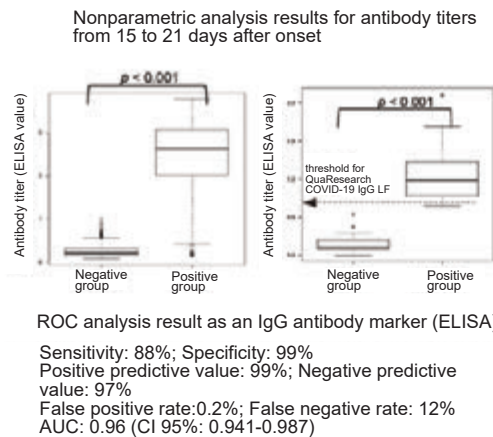


**Invalid**



Test stick

## Academic information (Antibody titer survey by ELISA method)



		Positive group	Negative group	Total
Antibody titer of IgG	Positive	128	1	129
	Negative	18	494	512
	Total	146	495	641

		Positive group	Negative group	Total
QuaResearch IgG LF	Positive	20	0	20
	Negative	3	36	39
	Total	23	36	59



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