

Celltrion DiaTrust™

COVID 19 Ag Test



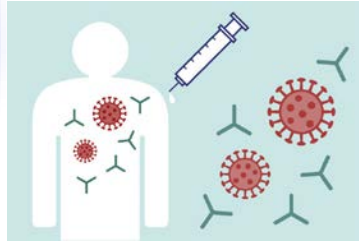
One Step
COVID-19
Ag Test

Celltrion DiaTrust™ COVID-19 Ag Test

✓ DiaTrust™ Combines Celltrion Antibody Technology with Humasis' Platform Know-how



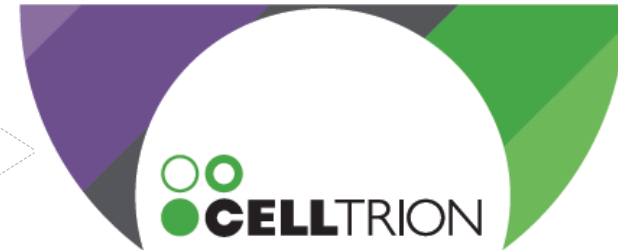
✓ Antibody Technology



✓ Platform Know-how



디아트러스트
코로나19 항원진단키트
Celltrion DiaTrust™
COVID-19 Ag Rapid Test



디아트러스트
코로나19 항원 홈 테스트
Celltrion DiaTrust™
COVID-19 Ag Home Test

Introducing Diatrust COVID-19 Ag Rapid Test

- ✓ **Diatrust COVID-19 Ag Rapid Test is the only solution to protect our business from COVID-19 with fast test result and low cost**

Reliable Quality

- Only US FDA approved test kit in South Korea, with also MFDS and EU CE approval
- **Passed high-level US FDA Clinical trial standards (93.3% Sensitivity in confirmed COVID-19 patients)**
- Celltrion developed the critical S antibody raw material to use in the test kit.

Excellent Technology

- **Celltrion test kit Antibody was screened among antibody-candidates during the development of Rekirona, a COVID 19 Treatment.**
- Cooperated with Humasis, a 20 year test kit OEM Maker, to develop Diatrust COVID-19 Ag Rapid Test Kit

Response to COVID-19 Mutation

- **Notable COVID-19 variants were all detected (South Africa, Brazil, UK, New York, California mutant)**
- Mixing materials of S antibody and N antibody can detect different variants (Mostly N antibody is used in other manufacturers' test kits.)

Better sensitivity in real clinical trials

✓ High sensitivity still comes out from a **nasal swab** as a sampling method in self-testing.

Data Summary

Rapid Test	US	EU	KR
Sample Type	nasopharyngeal	nasopharyngeal	nasopharyngeal
Total Sample	133	510	226
Sensitivity	93.3%	91.3%	89.4%
Specificity	99.0%	100%	100%

Rapid Test	US	EU	KR
Sample Type	nasal	nasal	nasal
Total Sample	462	152	152
Sensitivity	91.2%	92.9%	92.9%
Specificity	99.8%	99.9%	99.9%

- Sensitivity is the percentage of people who test positive for a disease that have that disease
- Specificity is the percentage of people without the disease who test negative for that disease.

Case of application

- ✓ Zero confirmed cases founded in Celltrion Factories and offices, in Korea, by the anticipative screening strategy using **DiaTrust COVID-19 Ag Test**.



Anticipative In-house test when a confirmed case happens

- Anticipative screening for the in house members when an confirmed or a suspected COVID-19 case is founded internally.

EX) People who contacted with the confirmed case are required to undergo the RT-PCR Test, and on at the same time, people at work on the near area can use DiaTrust to prevent secondary infection.



Regular screening for prevent Factory/business area shut-down

- Periodic DiaTrust test(2~3 times per week) for the Manufacturing people to prevent area shut-down
- DiaTrust Test use at entry to construction site where unspecified individuals might visit.



Test for people at work where RT-PCR is unavailable.

- Supply DiaTrust test for the companies which have a branch in Europe to supply the kits to the offices where PCR test is physically & socially seldom available

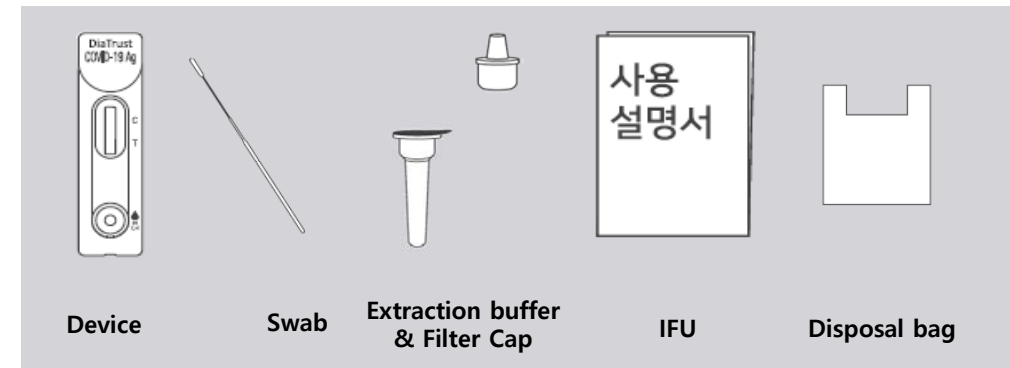
Celltrion
DiaTrust™

Celltrion DiaTrust™ COVID-19 Ag Test



DiaTrust™ COVID-19 Ag Rapid Test

Cat. No	CT-P60 D-2 03
Package	25Test/Box
Sample Type	nasopharyngeal swab specimen
Shelf-life	18 Month
Storage	2~30°C



DiaTrust™ COVID-19 Ag Home Test

Cat. No	CT-P60 D-2 06
Package	25Test/Box, 5T/Box 및 2T/Box
Sample Type	nasal swab specimen
Shelf-life	18 Month
Storage	2~30°C

Celltrion DiaTrust™ COVID-19 Ag Test

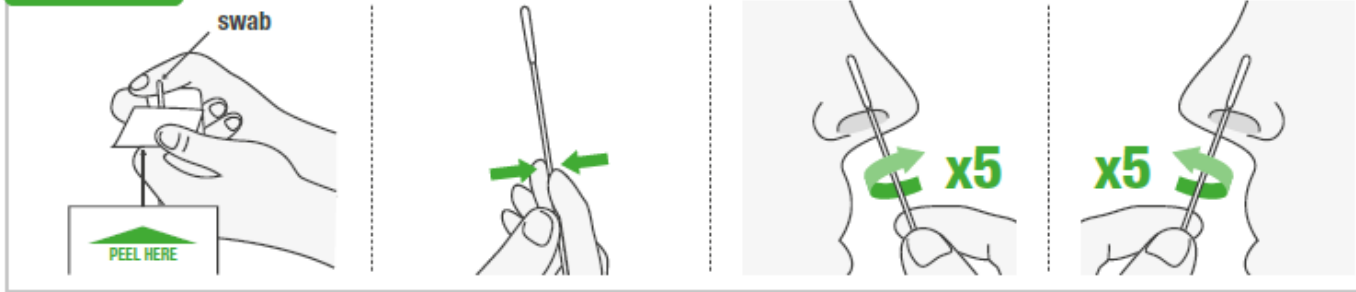
		25T	5T	2T
Kit(retail box)	Device	25Test	5Test	2Test
	Components	Swab/buffer/filter cap /disposal bag 25ea IFU 1ea	Swab/buffer/filter cap 5ea disposal bag 2ea IFU 1ea	Swab/buffer/filter cap 2ea disposal bag 1ea IFU 1ea
Catron (SHIPPER)	Device	600Test	50Test	120T
		25T*24Kit	5T*10Kit	(2T*10Kit)*6mini Carton
	Packaging Configuration	450*405*425	265*238*245	597*468*242
Pallet	Device	7,200Test	4,800Test	1,440Test
		24Kit*12Carton	10Kit*96Carton	6mini Carton*12Carton
	Packaging Configuration	4Carton*3	16Carton*6	4Carton*6
		1100*1100*1380	1100*1100*1590	1100*1100*1572

How to Use

INS REA

CELLTRION

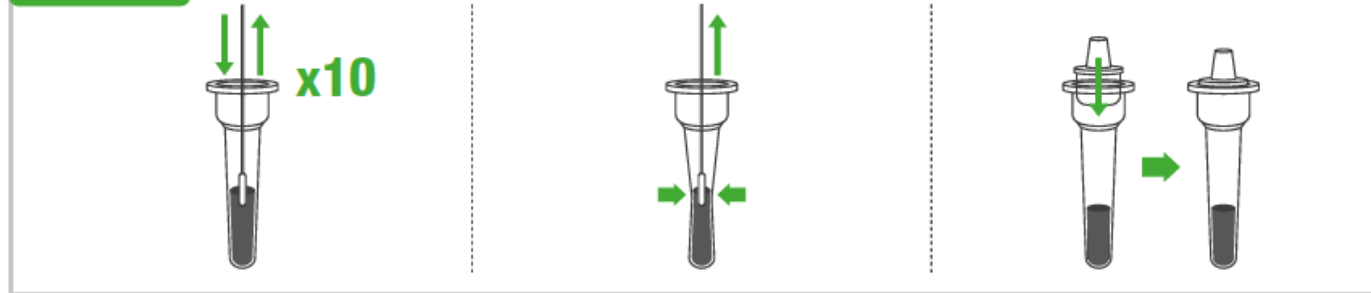
STEP 1



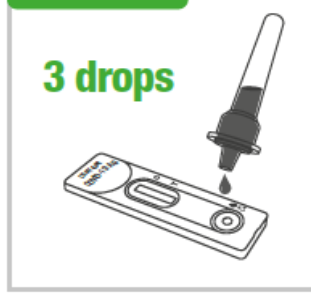
STEP 2



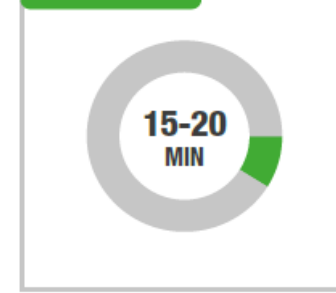
STEP 3



STEP 4



STEP 5



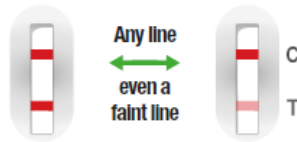
Check Your Results

NEGATIVE



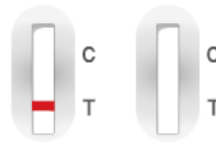
If there is **ONE LINE**, next to the "C" and **No LINE** next to the "T", your test result is negative.

POSITIVE



If there is **TWO LINES**, next to the "C" and any line next to the "T" **even a faint one**, you may be infected with COVID-19.

INVALID



If there is **NO LINE** next to the "C" like above examples, your test is not working. Please contact the place of purchase.

Disposal



Wash Your Hands

