

# TOTAL COVID19 SET (VTM+RNA +PCR)

## GenePro PCR KIT

### GenePro SARS-CoV-2 Test



<b>Approval</b>	<ul style="list-style-type: none"> <li>FDA Emergency Use Authorization(EUA)</li> <li>CE-IVD</li> </ul>
<b>Target gene</b>	<ul style="list-style-type: none"> <li>Orf-1ab gene : RNA-dependent RNA polymerase gene</li> <li>E gene: envelope protein gene</li> </ul>
<b>Performance</b>	Sensitivity : 77 genome copy equivalents / rxn
<b>Running Time</b>	< 1.5 hrs after RNA extraction
<b>PCR Instruments</b>	QuantStudio Dx (96 or 384 samples) / CFX96 (96 samples)
<b>Reporting</b>	<ul style="list-style-type: none"> <li>SARS-CoV-2 Positive</li> <li>Presumptive SARS-CoV-2 Positive</li> <li>SARS-CoV-2 Not Detected</li> <li>Invalid</li> </ul>



Registration No.  
FDA PH-0469882



**FDA U.S. FOOD & DRUG  
ADMINISTRATION**

[Click to watch Video -> GENCURIX GenePro SARS-CoV2-How to use](#)

\*100 test per kit / FDA PH & USA APPROVED

\* -20 degree storage required

### High Throughput COVID-19 Workcell

Cutting-edge multiplex technology allows to reduce time and sample loss, and also enables simultaneous monitoring of up to 384 samples.

Oligo Mix (OM)	Reaction Mix A (R-A)	Reaction Mix B (R-B)	Positive Control (PC)	Internal Control (IC)	Controls Dilution Buffer (DB)
					

Components	Volume	Descriptions
Oligo Mix (OM)	200 µL x 1 vial	Oligo mixture for Orf-1ab, E gene of SARS-CoV-2 and IC
Reaction Mix A (R-A)	500 µL x 1 vial	PCR reaction buffer including dNTPs and enzymes
Reaction Mix B (R-B)	200 µL x 1 vial	Reaction Buffer for Stabilizing PCR
Positive Control (PC)	10 µL x 1 vial	Positive Control
Internal Control (IC)	25 µL x 1 vial	Internal Control
Controls Dilution Buffer (DB)	1000 µL x 1 vial	Controls Dilution Buffer

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## Clinical Viral Transport Medium



**DOH FDA RITM  
VALIDATED**



**FDA U.S. FOOD & DRUG  
ADMINISTRATION**

\*100 Tests per box  
\*Room temperature storage



MAIN COMPOSITION	CAS No	Content (%)
Guanidine thiocyanate	593-84-0	35.0
Triton X-100	9002-93-1	3.9
Citrate sodium	68-04-2	1.0
8 - hydroxyquinoline	148-24-3	0.1
Deionized water	7732-18-5	≥60

pH 6-8

### What is COVID-19 Sample Collection Kit?

This kit is called Clinical VTM (Viral Transport Medium). Clinical VTM is intended for the collection and transport of clinical specimen containing COVID-19 (Corona Virus) and others.

### Why 2 Swabs?

For initial diagnostic testing for COVID-19, Korea CDC (Korea Center for Disease Control and Prevention) recommends collecting and testing upper respiratory (Nasopharyngeal(NP) swab and Oropharyngeal(OP) Swab).

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## Viral DNA/RNA MINI PREP KIT

-  **Simple and Fast** Using a rapid spin column format, the entire procedure takes about 20 minutes.
-  **High Yield** The nucleic acid recovery efficiency is very high, making the down stream more sensitive.
-  **Non-Toxic** No toxic reagents such as phenol and chloroform are needed in the extraction process.
-  **Wide Versatility** Applicable from respiratory specimens to other liquid specimens, mens to other liquid specimens.

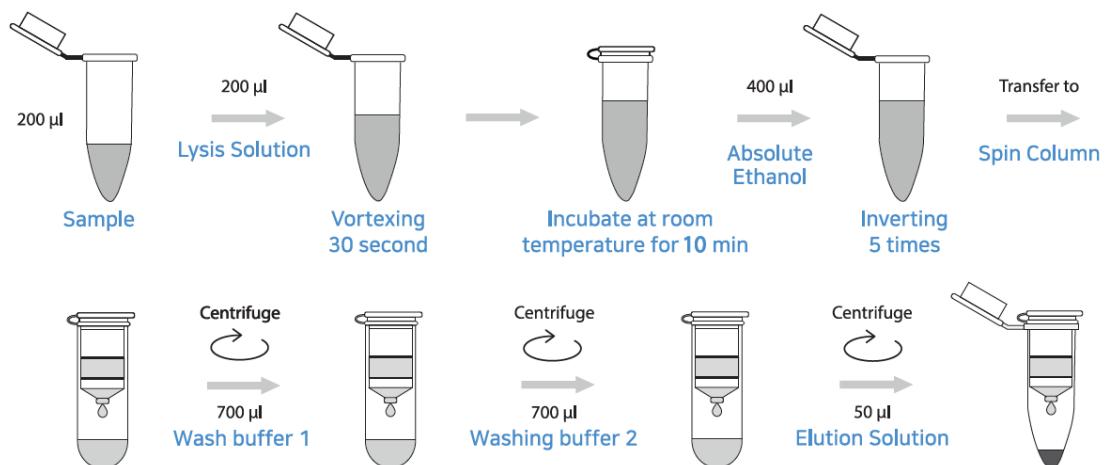


**Click to watch Video -> WIZCHEM DNA/RNA PREP KIT PR & HOW TO USE**

\*100 kits per box / FDA PH not required & FDA USA Registered

\*Room temperature storage

No.	Reagent	Volume	Description
1	Lysis Buffer	40 ml	Provide environment for lysing and binding to the column.
2	Washing Buffer 1	40 ml	Remove residual proteins and other impurities. <b>(Add 120 ml absolute ethanol before use.)</b>
3	Washing Buffer 2	16 ml	Purify viral nucleic acids. <b>(Add 144 ml absolute ethanol before use.)</b>
4	Elution Buffer	20 ml	Nuclease-free solution, elute viral nucleic acids.
5	Spin Column	100 pcs	Adsorb viral nucleic acid and collect the filtrate.



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