

TOTAL COVID19 SET (VTM+RNA +PCR) SOLGENT PCR KIT



Registration No.
FDA PH-0469881



FDA U.S. FOOD & DRUG
ADMINISTRATION

Click to watch Video -> [SOLGENT DiaPlex Q 2019 nCoV](#)

*100 test per kit / FDA PH & USA APPROVED

* -20 degree storage required

■ Process

Sample collection

- Sample collection according to sample type

Nucleic acid isolation

- Manual Method
- Auto extraction Method

Multiplex qPCR

DiaPlexQ™ Novel Coronavirus (2019-nCoV) Detection Kit

Data analysis

- Use of software For each instrument

■ Detection Target Region

- ORF1a
- N gene

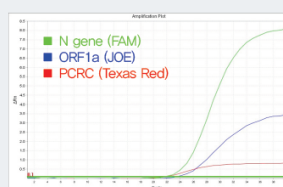
■ Specimen type

- Nasopharyngeal swab
- Oropharyngeal swab
- Sputum

■ Instruments

- Applied Biosystems™ 7500 Real-Time PCR Instrument System
- Applied Biosystems™ 7500 Fast Real-Time PCR Instrument System
- Bio-Rad CFX96™ System

■ Result Analysis



Amplification Plot information

Target	5' Fluorophore	3' Quencher
N gene	FAM	BHQ1
ORF1a	VIC / JOE*	BHQ1
PCR control	*Texas Red/ Cal Fluor Red 610	BHQ2

*ABI 7500 / 7500 Fast: JOE, Texas Red
Bio Rad CFX96™ : VIC, Cal Fluor Red 610

TOTAL COVID19 SET (VTM+RNA +PCR) Clinical Viral Transport Medium



MGIN Viral Collection Kit

Made in Korea

- Optimized swab for sample collection
- Convenient self-collection, storage and transport
- Easy to use for anyone with provided How-To-Use
- Simultaneous collection of nasopharyngeal and oral sample
- Compatible with various nucleic acid extraction kits



**DOH FDA RITM
VALIDATED**



**FDA U.S. FOOD & DRUG
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- *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	≥80

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).

TOTAL COVID19 SET (VTM+RNA +PCR)

Viral DNA/RNA MINI PREP KIT

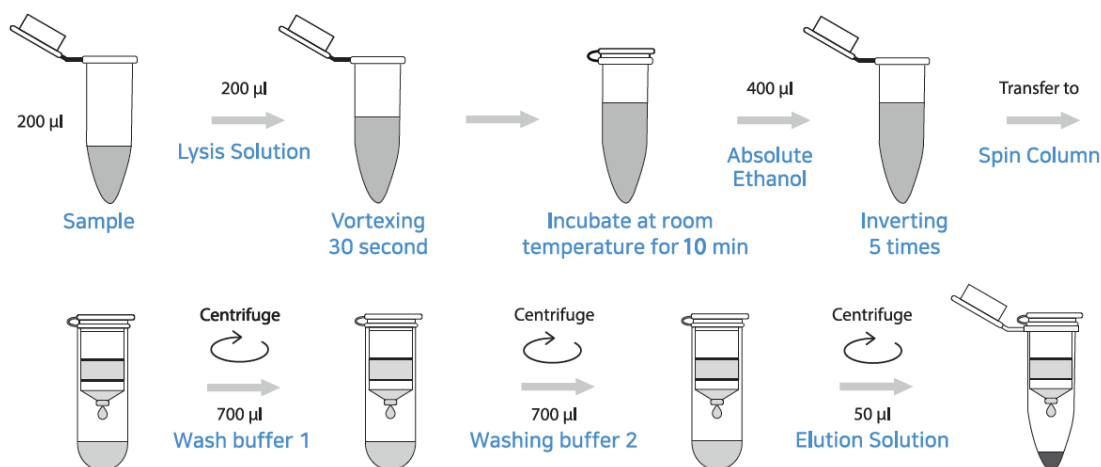


Click to watch Video -> [WIZCHEM DNA/RNA PREP KIT PR & HOW TO USE](#)

*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. (Add 120 ml absolute ethanol before use.)
3	Washing Buffer 2	16 ml	Purify viral nucleic acids. (Add 144 ml absolute ethanol before use.)
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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