BIONEER
Innovation • Value • Discovery

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Automatic RNA Extraction for COVID-19 Diagnosis

BIONNER's Automatic Nucleic Acid Extractor & Viral DNA/RNA Kit

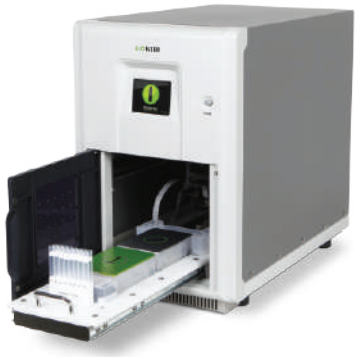
- Easy to use with pre-filled cartridge
- 3 options according to lab condition: *ExiPrep*™ series
- Elimination of cross contamination by innate contamination prevention system



ExiPrep™ 16Dx | *ExiPrep*™ 48Dx | *ExiPrep*™ 96 Lite

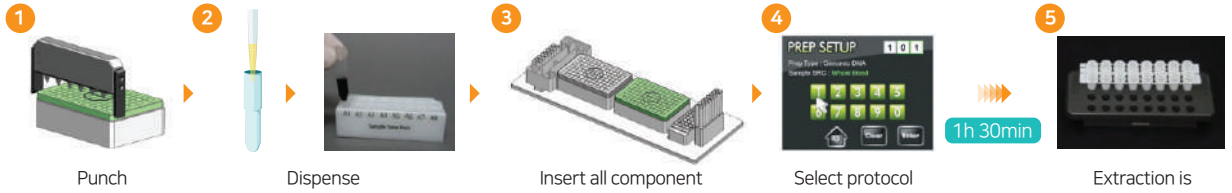
ExiPrep™ 16Dx

- Kit: *ExiPrep*™ Dx Viral DNA/RNA Kit (K-4471)
- Specimen: Sputum, Nasopharyngeal & Oropharyngeal swab
- Starting volume : 400 µℓ
- Elution volume : 50-100 µℓ
- Throughput : 16 samples/run
- Turnaround Time : 1h 30min



RNA extraction protocol for COVID-19 diagnosis

Sample Preparation ▶ **RNA Extraction** ▶ PCR preparation ▶ Real-Time PCR



1. Punch cartridge
2. Dispense the sample
3. Insert all component in the instrument
4. Select protocol and run
5. Extraction is completed.

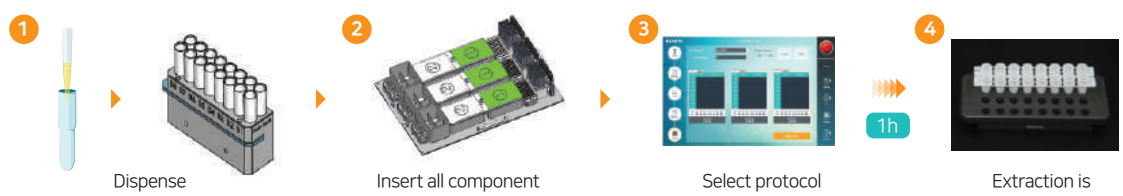
ExiPrep™ 48Dx



- Kit: *ExiPrep*™ 48 Viral DNA/RNA Kit (K-4571)
- Specimen: Sputum, Nasopharyngeal & Oropharyngeal swab
- Starting volume : 400 µℓ / 800 µℓ
- Elution volume : 50 µℓ
- Throughput : 48 samples/run
- Turnaround Time : 1h

RNA extraction protocol for COVID-19 diagnosis

Sample Preparation ▶ **RNA Extraction** ▶ PCR preparation ▶ Real-Time PCR



1. Dispense the sample
2. Insert all component in the instrument
3. Select protocol and run
4. Extraction is completed.

ExiPrep™ 96 Lite

- **Kit: ExiPrep Dx Viral DNA/RNA Kit (K-4614)**
- Specimen: Sputum, Nasopharyngeal & Oropharyngeal swab
- Starting volume : 200-400 µℓ
- Elution volume : 100 µℓ
- Throughput : 96 samples/run
- Turnaround Time : 50min



RNA extraction protocol for COVID-19 diagnosis

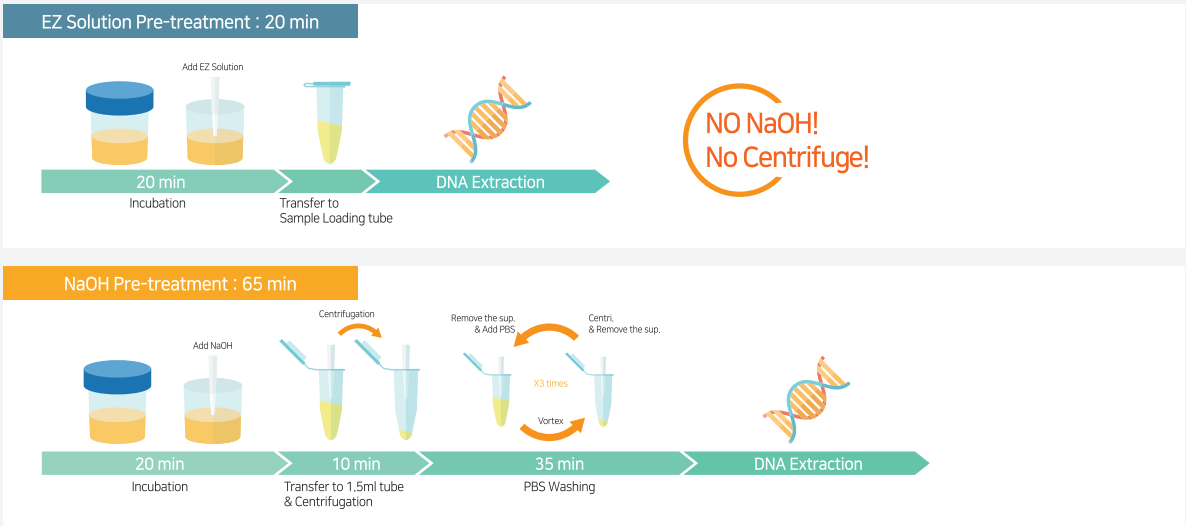
Sample Preparation ▶ **RNA Extraction** ▶ PCR preparation ▶ Real-Time PCR



EZ Solution

EZ Solution is easy sputum liquefying solution. The sputum pretreatment procedure using EZ Solution doesn't require time consuming centrifuging and washing steps. This innovation makes the sputum treatment simpler, faster and even more effective compared to the method using NaOH.

EZ Solution vs NaOH: Sputum Pretreatment



Comparison of pretreatment of sputum using EZ Solution and 1N NaOH.
The process using EZ Solution is simpler, faster and even effective. No centrifuge and washing steps are required.

Ordering Information

Category	Product	Cat. No.	Tests/kit
Extraction Kit	*ExiPrep*™ Dx Viral DNA/RNA Kit CE	K-4471	96 test
	ExiPrep™ 48 Viral DNA/RNA Kit CE	K-4571	96 test
	ExiPrep™ 96 Viral DNA/RNA Kit CE	K-4614	384 test
Instrument	*ExiPrep*™ 16Dx CE	A-5050	-
	ExiPrep™ 48Dx CE	A-5150	-
	ExiPrep™ 96 Lite CE	A-5250	-
Diagnostics Kit	*AccuPower*® SARS-CoV-2 Real-Time RT-PCR Kit CE	SCV-2122	50 test
	AccuPower® COVIID-19 Real-Time RT-PCR Kit CE	NCV-1111	48 test

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