

Selection Guide for COVID-19 assay (questionnaire)

This selection guide helps you choosing the proper product. Please fill out the questionnaire and send it back to BIONEER's sales manager before meeting.



1. Answer the each question
2. If there is orange arrow (→), please follow the direction.

Q1. Which COVID-19 diagnostic method do you want ?

1. Molecular Diagnostic (**Real-Time PCR**) → Go to **Q2**
2. Rapid test (**Immunoassay**) → BIONEER does not provide immunoassay.

Q2. Which type of Real-Time PCR kit do you want ? *Please refer to a table below.

1. Premix type kit (*AccuPower*® COVID-19 Real-Time RT-PCR Kit / NCV-1111) → Go to **Q3**
2. Master type kit (*AccuPower*® SARS-CoV-2 Real-Time RT-PCR Kit / SCV-2122) → Go to **Q4**

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|--|--|
| <p>Premix</p> <p><i>AccuPower</i>® COVID-19 Real-Time RT-PCR Kit</p>  | <ol style="list-style-type: none"> 1. Compatible with <i>ExiStation</i>™ & <i>ExiStation</i>™ 48 system (BIONEER) only <ul style="list-style-type: none"> – The systems are composed with nucleic acid extractor and Real-Time PCR – User have to extract nucleic acid using the extractor included the system 2. Minimized hands-on step since all reagent are pre-aliquot within a tube. 3. More convenient & Higher throughput than Masatermix type |
| <p>Mastermix</p> <p><i>AccuPower</i>® SARS-CoV-2 Real-Time RT-PCR Kit</p>  | <ol style="list-style-type: none"> 1. Compatible with following Real-Time PCR system such as <i>Exicycler</i>™96(BIONEER), CFX96(Bio-rad) and ABI7500fast(thermofisher) 2. Flexible to choose method for viral RNA extraction 3. Some hands-on steps for making mixture 4. More flexible usage than Premix type |

Q3. (If you want premix type kit) How many tests do your potential customers run per day?

1. Below 60 tests
2. Below 120 tests
3. Below 170 tests
4. Above 170 tests



ExiStation™(1+1)



ExiStation™(2+1)



ExiStation™(3+1)



ExiStation™48

| | | | | |
|---------------------------------------|---|---|---|---|
| Configuration | <ul style="list-style-type: none"> • <i>ExiPrep</i>™16Dx (1ea) • <i>Exicycler</i>™ 96 (1ea) | <ul style="list-style-type: none"> • <i>ExiPrep</i>™16Dx (2ea) • <i>Exicycler</i>™ 96 (1ea) | <ul style="list-style-type: none"> • <i>ExiPrep</i>™16Dx (3ea) • <i>Exicycler</i>™ 96 (1ea) | <ul style="list-style-type: none"> • <i>ExiPrep</i>™48Dx (1ea) • <i>Exicycler</i>™ 96 (1ea) |
| Extraction Kit | <i>ExiPrep</i> ™ Viral DNA/RNA Kit (K-4471) | | | <i>ExiPrep</i> ™48 Viral DNA/RNA Kit (K-4571) |
| Number of test* / day (Based on 9hrs) | 56 tests | 112 tests | 168 tests | 230 tests |

Q4. (If you want mastermix type kit) Which Real-Time PCR machine do you have?

1. One of the instrument among *Exicycler™ 96* (BIONEER), CFX96 (Bio-rad), ABI7500fast (Thermofisher)
→ Able to use the *AccuPower® SARS-CoV-2 Real-Time PCR Kit* on the machine
2. Other Real-Time PCR machine or don't have Real-Time PCR machine
→ Need to purchase the machine among *Exicycler™ 96* (BIONEER), CFX96 (Bio-rad), ABI7500fast (Thermofisher)

Q5. (If you want mastermix type kit) Which nucleic acid extraction method do you want?

1. Manual type extraction → Go to **Q5-1**
2. Automatic extraction → Go to **Q5-2**

Q5-1. (If you want manual extraction) Which features do you want?

1. Traditional spin-column method, **cost effective** → Recommend *AccuPrep® Viral DNA/RNA Kit*
2. Magnetic bead type method (no centrifugation), **time effective** → Recommend *MagListo™ Viral DNA/RNA Kit*

Q5-2. (If you want automatic extraction) Which through-put do you want?

1. Below 100 samples/day → Recommend *ExiPrep™ 16 Dx*
2. Below 300 samples/day → Recommend *ExiPrep™ 48 Dx*
3. Above 300 samples/day → Recommend *ExiPrep™ 96 Lite*



ExiPrep™ 16 Dx



ExiPrep™ 48 Dx



ExiPrep™ 96 Lite

| | | | |
|------------------------------|------------------------------|------------------------|-------------------------|
| Extraction Throughput/1 run | 16 tests | 48 tests | 96 tests |
| Extraction time / 1 run | 1 hr 40min (4 run/ 1 day) | 1 hr (6 run/ 1 day) | 50min (8 run/ 1 day) |
| Extraction Throughput/1 day* | 64 tests | 288 tests | 768 tests |

* based on 9 hrs

- Date:
- Name:
- Country / company:
- Contact:

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