

# VERI-Q™ PCR 316 COVID-19 Detection Platform



**1 hour detection of SARS-CoV-2**

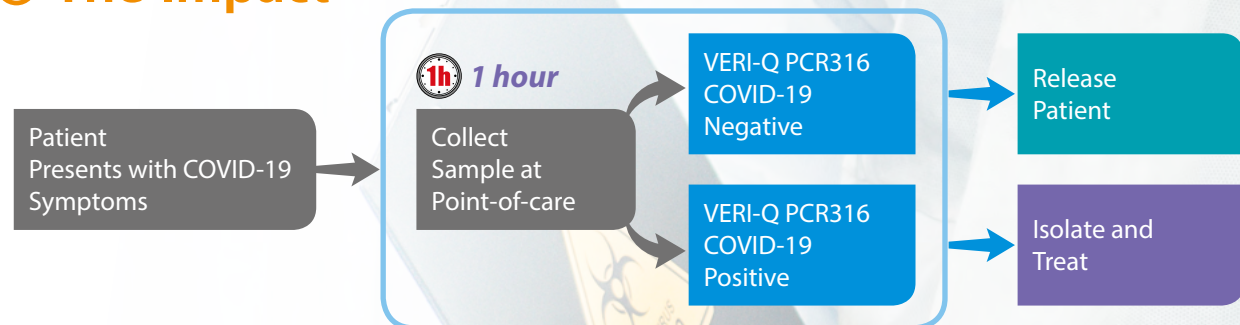
## ✓ The Need

In responding to the current novel coronavirus pandemic, front-line caretakers require a new paradigm of diagnostics than what conventional labs can provide. Public health officials cannot afford to stand by for lab results and risk further spread of the virus. Moreover, patients and doctors are unwilling to wait days to receive results. We need a point-of-care solution: a solution that provides fast, accurate, and reliable confirmatory diagnosis.

## ✓ The Solution

- PCR 316 COVID-19 Kit: near point-of care diagnostics in 1 hour
- Patients get test results on site
- CE-IVD marked
- Made in South Korea

## ✓ The Impact



# Only 1 hour to Detection

## Near POCT Platform for RT-qPCR

### ✓ VERI-Q PCR 316 Amplifier



#### Product Information

- ✓ Rapid and accurate RT-qPCR amplifier
- ✓ Microfluidic LabChip® disposables

#### System Dimensions

LabChip®	25 x 75 mm (1 x 3 in)
Amplifier	274 x 160 x 206 mm (10.7 x 6.3 x 8.1 in)
Weight	4.7 kg (10.4 lb)

### ✓ VERI-Q PREP M16 Extractor



#### Product Information

- ✓ Automated nucleic acid extraction instrument
- ✓ Eliminates manual processing steps
- ✓ Enables DNA/RNA extraction from various sample types such as blood, nasal swab, sputum, and tissue
- ✓ Uses sample tubes with silica membrane for DNA/RNA extraction

#### System Dimensions

Extractor	260 x 335 x 355 mm (10.2 x 13 x 13 in)
Weight	10 kg (22 lb)

### ✓ SARS-CoV-2 Test

- High sensitivity (LoD) and specificity, 100% detection
- High accuracy using two target primer and probe sets (N and ORF genes)
- Nasopharyngeal, oropharyngeal swab and sputum samples
- Two reactions per test
- Cut-off: <40 Ct