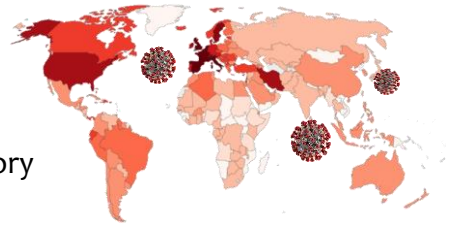


NEW

EuDx™ COVID-19 Multiplex Detection Kit



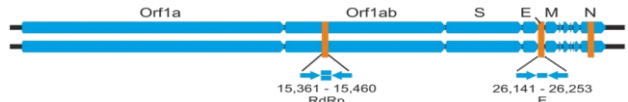
- High Sensitive Multiplex real time PCR detection
- Result within 70 minutes from extracted RNA
- Target on SARS-CoV-2 specific(RdRp & E gene) RNA
- Manufactured in an **KGMP, ISO13485** certified Laboratory



■ Specimen type

- Nasopharyngeal swab
- Oropharyngeal swab
- Sputum

■ Detection Target Region - RdRp gene - E gene



■ Kit Contents

- 2X RT-PCR Master Mix (RTase, Taq)
- 4X Reaction Mixture (Primer, Probe)
- Positive control DNA

■ PCR Platform

- ABI7500 (Thermo Fisher)
- CFX96 (Bio-Rad)

■ Workflow



Specimen Collection

- Nasopharyngeal swab
- Oropharyngeal swab
- Sputum

RNA Extraction

- QIAamp Viral RNA mini kit or QIAamp MinElute Virus Spin Kit (Qiagen) or other commercial RNA purification kits

Real-Time PCR

- ABI 7500 (Thermo Fisher)
- CFX96 (Bio-Rad)

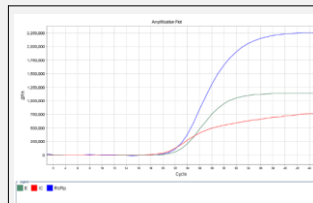
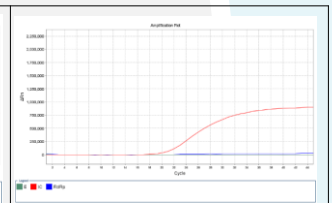
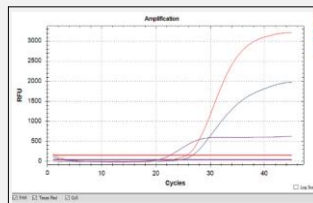
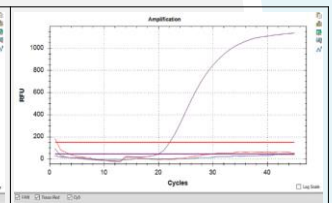
Data Analysis

■ Result Analysis

Target	5' Fluorophore
RdRp gene	FAM
E gene	Texas Red
Internal Control	Cy5

Target	Positive detection rate per reaction volume (%)		
	10 ⁴ copies	10 ³ copies	10 ² copies
RdRp	48/48 (100%)	48/48 (100%)	48/48 (100%)
E	48/48 (100%)	48/48 (100%)	48/48 (100%)

Each 24 tests are conducted at ABI7500 and CFX96

**COVID-19 Positive (ABI7500)****COVID-19 Negative (ABI7500)****COVID-19 Positive (CFX96)****COVID-19 Negative (CFX96)**

■ Ordering Information

Product	Unit	Cat. No.
EuDx™ COVID-19 Multiplex Detection Kit	1 Kit (100 tests)	COM-02-100T

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