






Vazyme COVID-19 Neucleic Acid Reagents portfolio



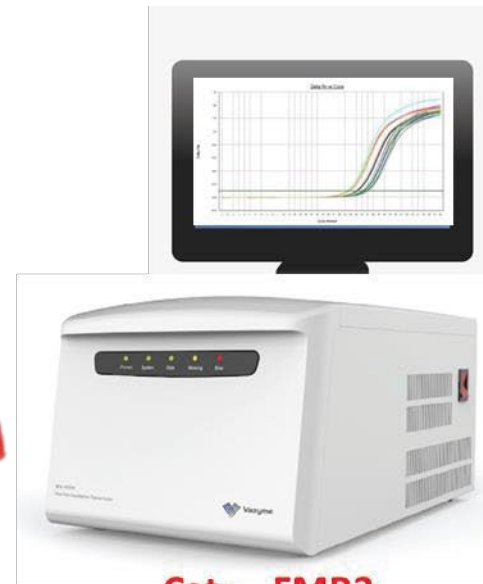
Vazyme provides complete solutions for COVID-19

Specimen Collection	DNA/RNA Extraction		Nucleic Acid Amplification	
				
<p>Virus Sample Stabilizer & 2 swab Naso+Oro</p>	<p>Mag Beads Extraction Kit For Automatic Extraction Device 96 tests / kit</p>	<p>DNA/RNA Automatic Extraction Instrument 32 tests / run</p>	<p>Triplex Gene RT-qPCR Kit 100 tests / kit</p>	<p>Real-Time Quantitative Thermal Cycler 96 well × 0.2 ml</p>
<p>Inactivation & compatible with All specimen types</p>	<p>Compatible with most extraction machines, and also for NGS</p>	<p>3 default Programs available, and also compatible with fast program (12 min protocol)</p>	<p>N Gene ORF1ab Gene Rnase P Gene (IC) 200 copies / ml (55 min template)</p>	<p>5 channels : FAM / VIC / ROX / CY5 / CY5.5 6 independent zones for temperature surveillance (96 specimens in 55 min template)</p>

Vazyme COVID-19 Nucleic Acid Detection Workflow



Cat: VNP-32YL




Cat: FMR3

1. Specimen Collection

2. Viral Nucleic Acid Extraction

3. Nucleic Acid Amplification

12 min

 67 min

55 min

Vazyme PCR Protocols

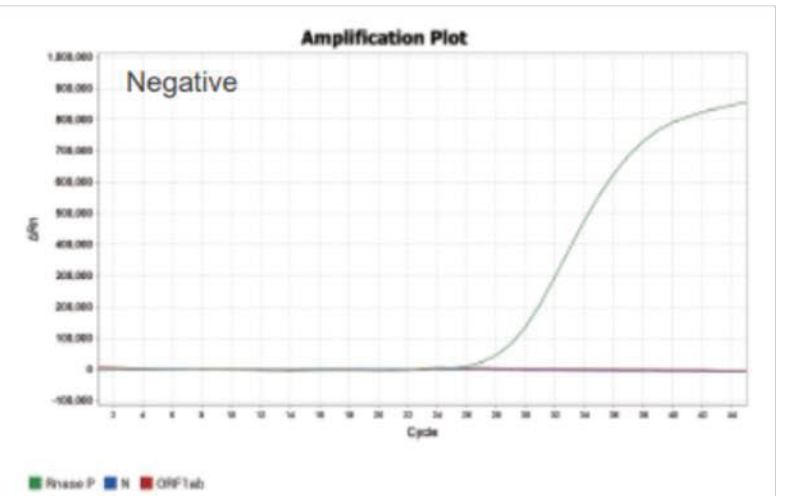
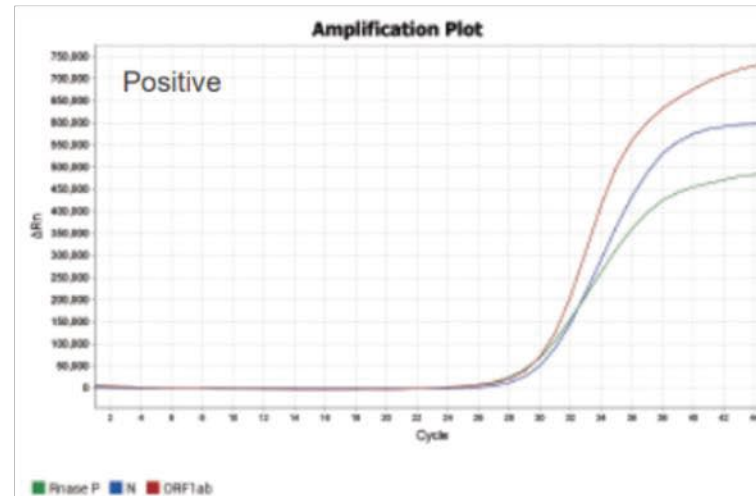
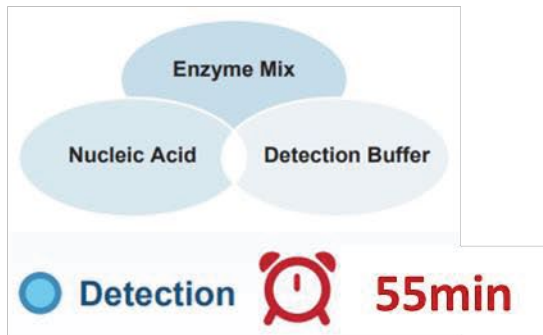


Amplification Preparation

Components	Volume (µl Per Reaction)	Operation Area
Detection Buffer	26	Master-mix area
Enzyme Mix	4	
+		
Extracted RNA	20	Detection Area
Total Volume	50	

Amplification Program/Template

Step 1	Reverse Transcription	Cycles: 1	50°C	5 min
Step 2	Pre-denaturation	Cycles: 1	95°C	30 sec
Step 3	PCR Cycles	Cycles: 45	95°C	5 sec
			58°C (Read)	15 sec



Vazyme PCR workflow

