NuaBox™

Small Rapid Nucleic Acid Detection System

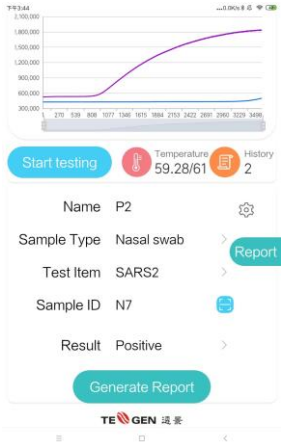
Palm-size Instrument, Result in 30 minutes

TE GEN 透景

NuaBox™

Faster, Smaller, Simpler

Sample to result takes 30 minutes or less
Positive in 10min



Qualitative detection in the size of a palm
Height 8cm, width 13cm

NuaBox™ 1A

smaller than a pad

Just one manual step of adding samples
Work for everyone

No professional operator training required

TE GEN 透景

Testing Procedure

NuaBox™ 1A

Step 1:

Nasal Swab

provided in the kit

Step 2:

Rotate Swab

dipped into tube

Step 3:

Add sample

lyophilized power inside

Step 4:

Initiate Detection

inserted into NuaBox

TE GEN 透景

NuaBox™

Two Models Available

One sample or ten

One test at a time,
10 to 20 tests per day per machine

NuaBox™ 1A

Ten tests at a time(one test, one tube)
100 to 200 tests per day per machine

NuaBox™ 10B

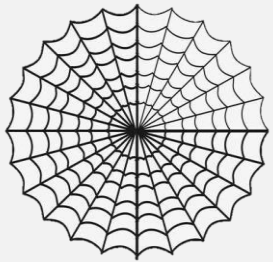
TE GEN 透景

NuaBox™

Two Single-gene-detected Reagents

ORF1ab
Higher specificity

N Gene
Higher sensitivity



- SARS-CoV-2 ORF1ab gene detection (20 tests/box [PGA4132P4])
- SARS-CoV-2 N gene detection (20 tests/box [PGA4133P4])

TE GEN 透景

NuaBox™

No Contamination

Special Patented Tube Design

- *Hook on the Cap to **Lock the Tube Tightly***

- *Double Rubber Ring to **Prevent Pollution***

- *Negative Pressure Cabin to **Contain the Escaping Aerosol***

Much More Reliable
than Traditional Tubes

TEGEN 透景

Exogenous Internal Control

NuaBox™ contains an internal control that has been designed to control for sample inhibition, amplification, and assay reagent function.

Exogenous internal control provided in the NuaBox™ lyophilized kit can exclude the invalid result among test.

NuaBox™

Optimized Isothermal Nucleic Acid Amplification Technology

Direct Isothermal Fluorescence Amplification

1. Isothermal Real-time Fluorescence Probing is a method both fast as LAMP and specific as fluorescence probing.

2. Lyophilization adopted is convenient for transportation and room temperature storage for non-lab environment.

3. Built-in professional optical parts for ensuring the sensitivity during the isothermal amplification.

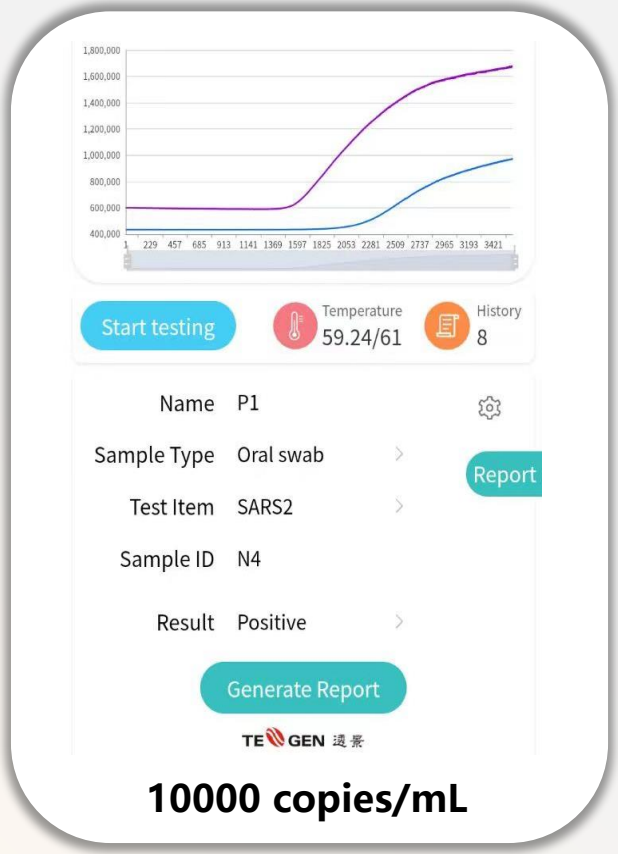
4. Sensitivity： ＜500 copies/mL

TE GEN 透景

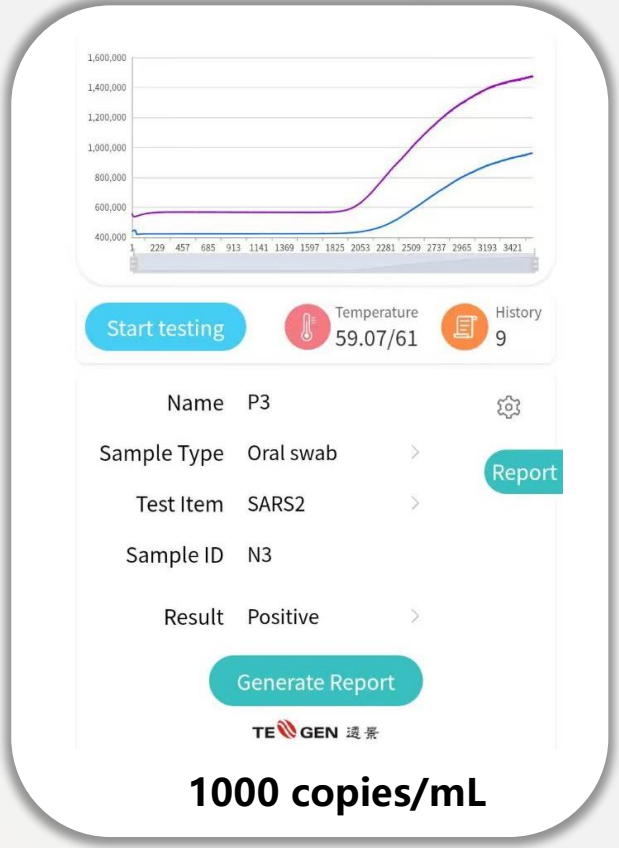
NuaBox™

Nucleic Acid Amplification Test Using Anterior Nasal Swabs

Realtime Fluorescence Signal



10000 copies/mL



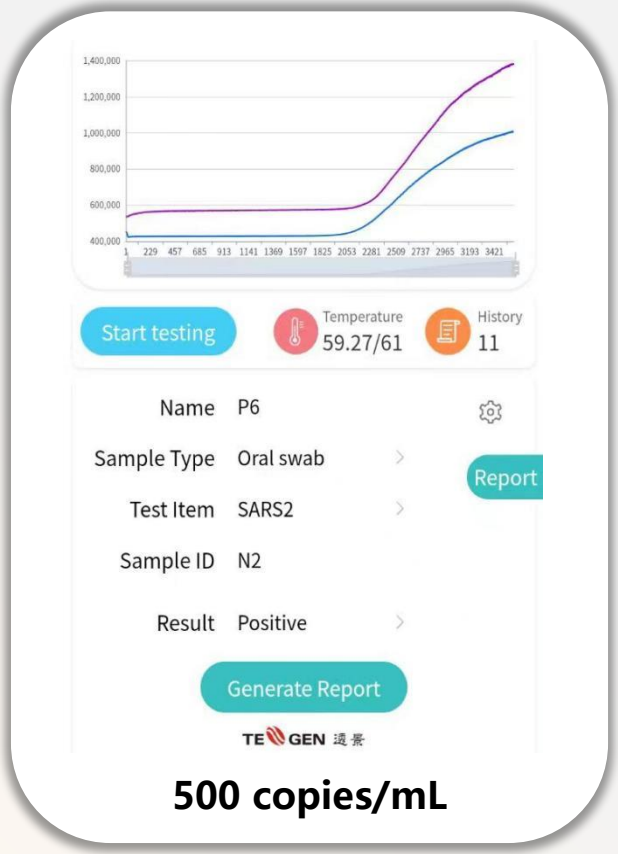
1000 copies/mL

TE GEN 透景

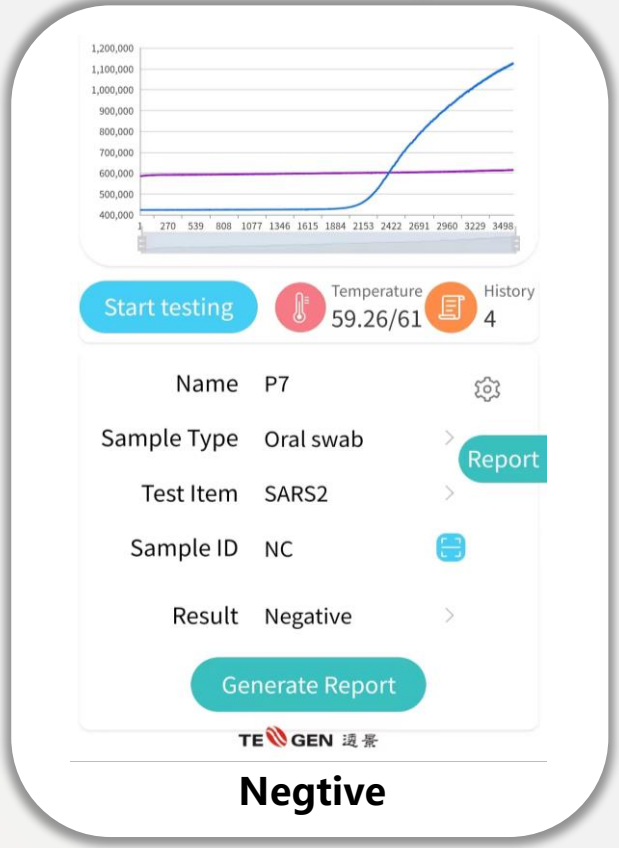
NuaBox™

Nucleic Acid Amplification Test Using Anterior Nasal Swabs

Realtime Fluorescence Signal



500 copies/mL

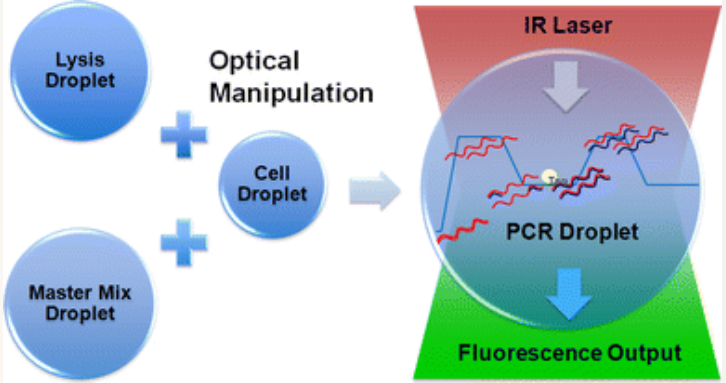


Negtive

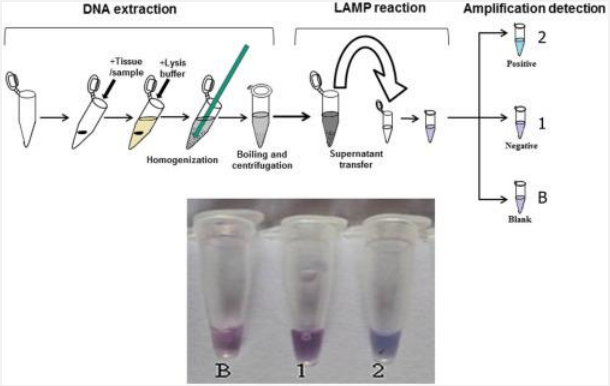
TE GEN 透景

NuaBox™ Comparison Between Tellgen DIFA and Tradition LAMP

System	*Detection*	Observation	*Sensitivity*	Specificity	Pollution	Report
Tellgen NuaBox System	**Fluorescence Target Probe**	***Realtime Fluorescence Signal***	**High**	**High**	**No Contamination (Level 2)**	**Digital Report**
Traditional LAMP	Hydroxy Naphthol Blue	Naked Eye Discoloration	Medium	Low	5% Leakage After Amplification	Handwritten Report



Tellgen Direct Isothermal Fluorescence Amplification(DIFA)



Traditional LAMP

TELLGEN 透景

CE Certified Tellgen NuaBox™ Small Rapid Nucleic Acid Detection System

NuaBox™ Applicable Scenarios

E&A Dpmt

Fast result with qualittive report in minimum 10 minutes.

Emergency

Before boarding or before exhibiting in need for test result

Corporates

Places where conditions are restricted, like factories and construction sites

Others

Clinics, third party labs, schools, and nursing houses in global markets

Tellgen NuaBox™

Rapid Nucleic Acid Test, Anytime Anywhere

Email sales@tellgen.com for more | Or Call +86-20-50862711
Building 1, No. 115 Lane 572, Bibo Road, Free Trade Area, Shanghai 201203, PRC