

CE IVD

Explore Genetic Technology to
Improve the Quality of Life



Pluslife Product Catalog

Next-Generation Molecular POCT



Who We Are

- Offers comprehensive solutions including core protein R&D, detection methodology R&D and molecular POCT products
- Self-invented RHAM, a patent-protected nucleic acid isothermal amplification detection technology
- Developed molecular POCT analyzers and test cards for pandemic control, respiratory health, sexual and reproductive health, animal health, etc.
- Export products to over 40 countries and has formed a strategic partnership with WHO's partner FIND



10,000m²
Facilities

13485
ISO

30+
CE

IVDR
Certified

SFDA
Certified



What We Do

Next-Generation Molecular POCT



- **Rapid**
Onsite result in **7-35** mins
- **Accurate**
Comparable to **PCR**
- **Simple**
4-Steps, **within 2 mins** hands-on time
- **Affordable**
Cost advantage among similar products

Pluslife Mini Dock

Rapid Molecular POCT System

PM001



Features

Small: Palm-sized, weight less than iPhone14 (~240g)

Accurate: Comparable performance to PCR

Rapid: Result in 7-35 minutes

Simple: Only 4 hands-on steps required

Flexible: Free from cold-chain

Reliable: Portable Smart Charging Station compatible

Application Scenarios



Hospital/Clinic/
GP's Office

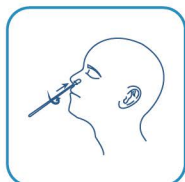


Pharmacy

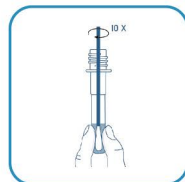


Testing Center

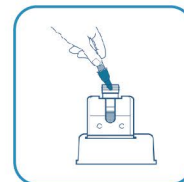
Test Procedure



Collect Sample



Mix Sample



Prepare Reaction
Card



Run Test

Pluslife Dock Pro 8

Eight-Channel POC Molecular Analyzer

PM008



Features

Flexible: 8 test channels work independently

Accurate: Comparable performance to PCR

Rapid: Result in 7-35 minutes

Compact: Benchtop size and stackable

Powerful: Support LIS system, barcode reader, and result printing

Extensive: Compatible with 16+ tests

Application Scenarios



Hospital & Clinic



Pharmacy

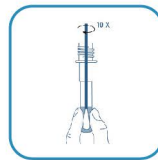


CDC

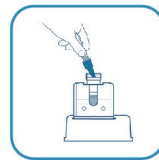
Test Procedure



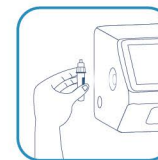
Collect Sample



Mix Sample



Prepare Reaction Card



Scan Sample



Run Test

Test Menu

Respiratory Syndromic Infections

- SARS-CoV-2
- SARS-CoV-2/Flu A/Flu B
- Flu A/Flu B/RSV
- Strep A

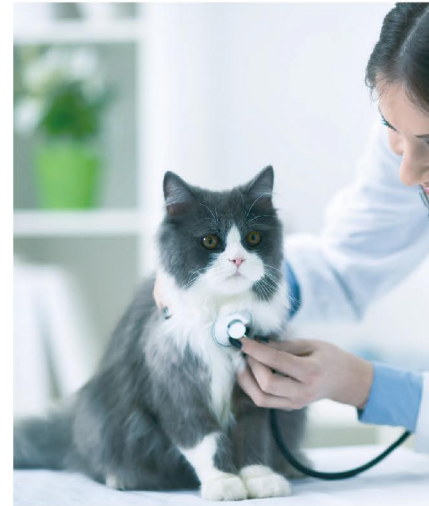


Sexual Health

- HPV 16/18/45
- HPV 16/18
- HPV 6/11
- CT/NG/UU
- NG/UU
- Strep B (GBS)
- TV

Emerging Pathogens

- Monkeypox



Animal Health

- Feline(FHV-1/C.felis/M.felis)
- Canine(CDV/CPIV/CAV-2/Bb)





SARS-CoV-2

Nucleic Acid Test Card



Specimen type: nasal swab

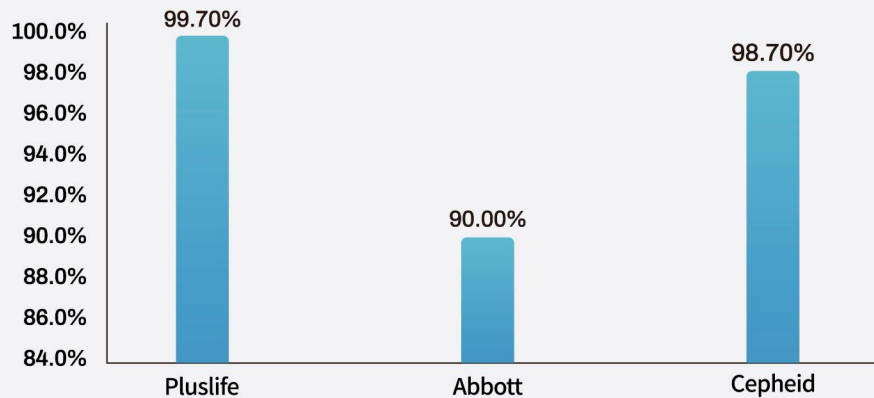
LOD: 400 copies/mL

Time to result: 7 mins for positive result, 35 mins for negative result

Hands-on time: within 2 mins

A comparative study Pluslife vs Abbott vs Cepheid

Ratio of available tests of three platforms



Sensitivity

99.0%
Pluslife

100%
Abbott

99.0%
Cepheid

Specificity

100%
Pluslife

97.9%
Abbott

92.6%
Cepheid

Accuracy

100%
Pluslife

97.9%
Abbott

92.6%
Cepheid

| | PCR | Pluslife | Abbott | Cepheid |
|----------|-----|----------|--------|---------|
| Positive | 100 | 99 | 99 | 98 |
| Negative | 219 | 218 | 184 | 200 |
| Total | 319 | 317 | 283 | 298 |

Source: Clinical Lab(Luxembourg)



SARS-CoV-2/Flu A/Flu B

Nucleic Acid Test Card



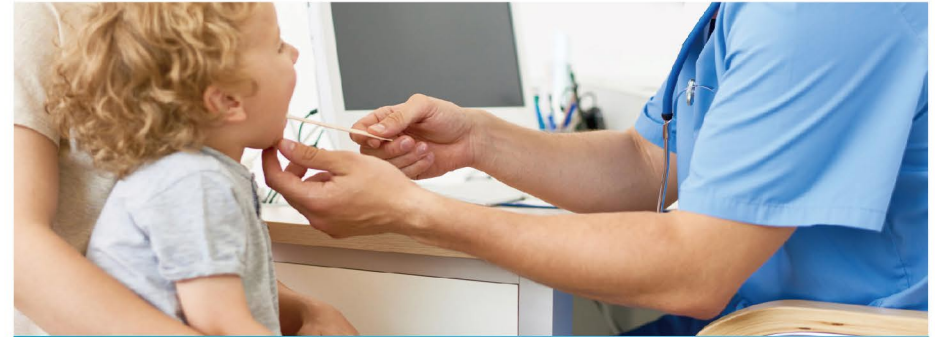
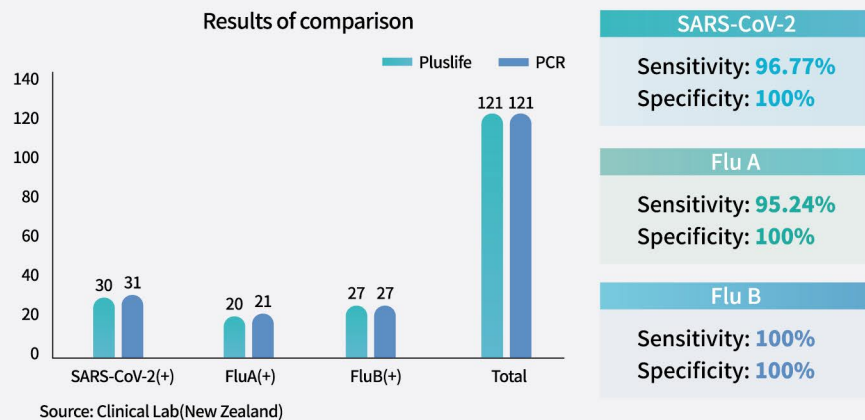
Specimen type: nasal swab, nasopharyngeal swab or oropharyngeal swab

LoD: 1000 copies/mL

Multi-pathogen detection: up to 3 pathogens in 1 test

Hands-on time: within 2 mins

A comparison study was performed between Pluslife and PCR



Flu A/Flu B/RSV

Nucleic Acid Test Card



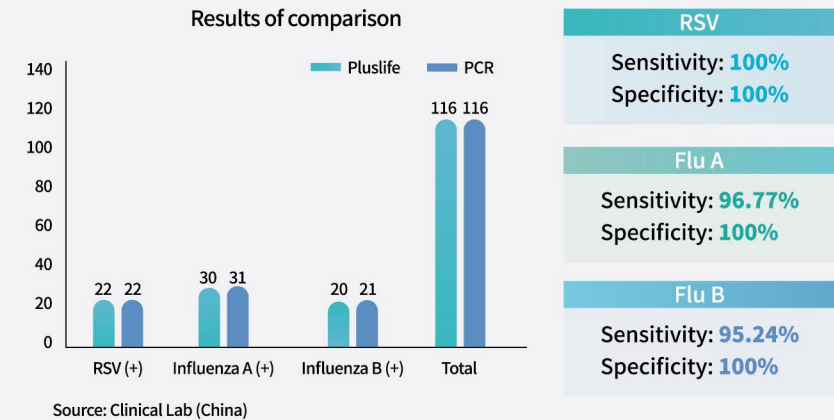
Specimen type: nasal swab, nasopharyngeal swab or oropharyngeal swab

LOD: 1000 copies/mL

Multi-pathogen detection: up to 3 pathogens in 1 test

Hands-on time: within 2 mins

A comparison study was performed between Pluslife and PCR





RSV

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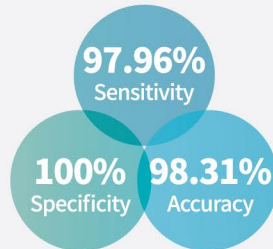
Nucleic Acid Test Card

Specimen type: nasal swab, nasopharyngeal swab or oropharyngeal swab

LoD: 1000 copies/mL

Time to result: 15-30 mins

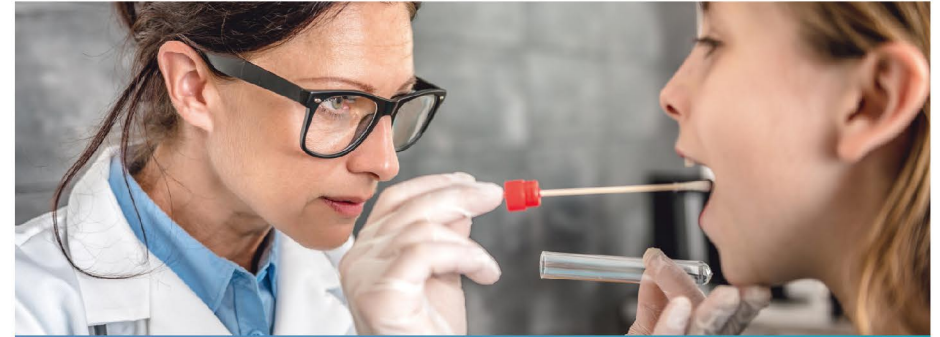
Hands-on time: within 2 mins



A comparative clinical trial in Italy

| | | qPCR | | |
|----------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Pluslife | Positive | 48 | 0 | 48 |
| | Negative | 1 | 10 | 11 |
| | Total | 49 | 10 | 59 |

Source: Clinical Lab(Italy)



Strep A

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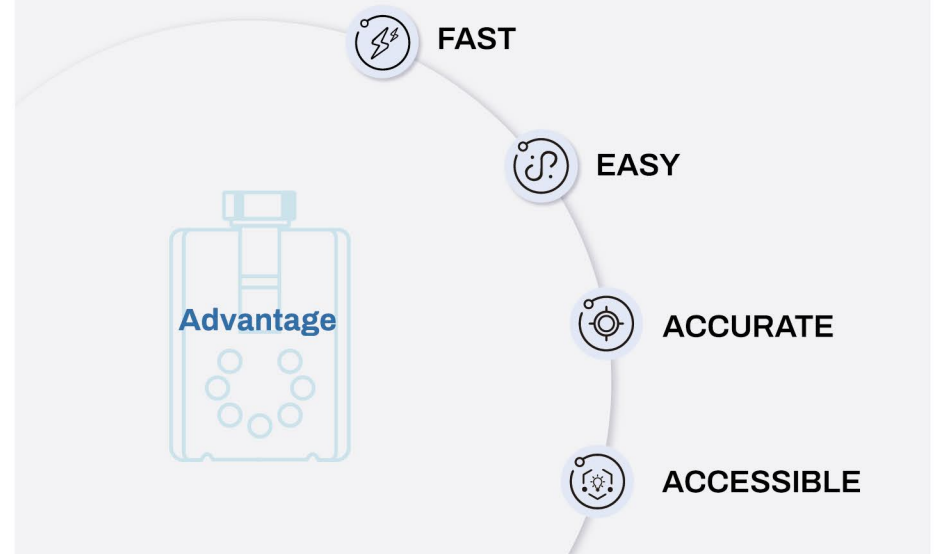
Nucleic Acid Test Card

Specimen type: oropharyngeal swab

LoD: 1000 copies/mL

Time to result: 15-30 mins

Hands-on time: within 2 mins





HPV 16/18/45 - HPV 16/18

Nucleic Acid Test Card



Specimen type: cervical swab or vulvovaginal swab

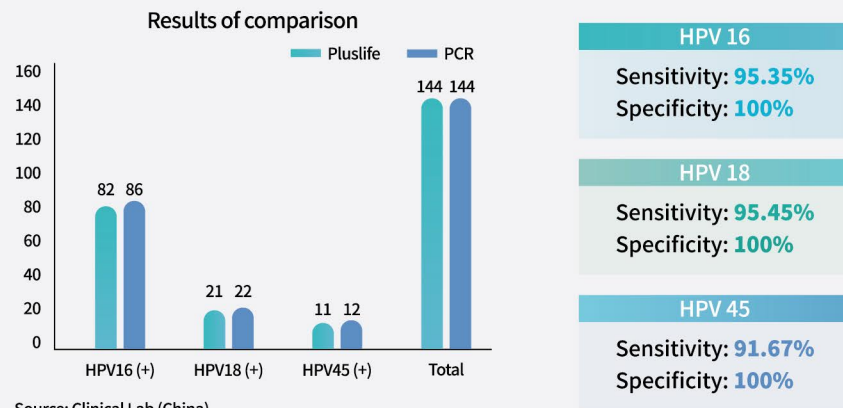
LoD: 800 copies/mL

Time to result: 15-35 mins

Hands-on time: within 2 mins

Multi-pathogen detection: up to 3 pathogens in 1 test

A comparison study was performed between Pluslife and PCR



Source: Clinical Lab (China)



CT/NG/UU - NG/UU

Nucleic Acid Test Card



Specimen type: vulvovaginal swab or male urethral swab

LoD: 500 copies/mL

Time to result: 15-35 mins

Hands-on time: within 2 mins

Multi-pathogen detection: up to 3 pathogens in 1 test

A comparison study with 486 samples was performed between Pluslife and qPCR

| | | qPCR | | |
|----------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Pluslife | Positive | 196 | 6 | 202 |
| | Negative | 6 | 278 | 284 |
| | Total | 202 | 284 | 486 |

97.03%
Sensitivity

97.89%
Specificity

Source: Central Hospital (China)



GBS



Nucleic Acid Test Card

Specimen type:vulvovaginal swab

LoD:1000 copies/mL

Time to result:15-30 mins

Hands-on time:within 2 mins

FAST

EASY

ACCURATE

ACCESSIBLE



HPV 6/11



Nucleic Acid Test Card

Specimen type:vulvovaginal swab or male urethral swab

LoD:1000 copies/mL

Time to result:15-35 mins

Hands-on time:within 2 mins

Multi-pathogen detection:up to 2 pathogens in 1 test

A clinical trial was conducted using PCR as a reference method

| | | HPV 6 | | |
|----------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Pluslife | Positive | 26 | 0 | 26 |
| | Negative | 0 | 12 | 12 |
| | Total | 26 | 12 | 38 |

| HPV 6 |
|--------------------------|
| Sensitivity: 100% |
| Specificity: 100% |
| Accuracy: 100% |

| | | HPV 11 | | |
|----------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Pluslife | Positive | 15 | 2 | 17 |
| | Negative | 0 | 21 | 21 |
| | Total | 15 | 23 | 38 |

| HPV 11 |
|---------------------------|
| Sensitivity: 100% |
| Specificity: 91.3% |
| Accuracy: 94.74% |

Source: Clinical Lab (China)



Trichomonas Vaginalis

Nucleic Acid Test Card



Specimen type: vulvovaginal swab

LoD: 500 copies/mL

Time to result: 15-30 mins

Hands-on time: within 2 mins

A comparison study was performed between Pluslife and PCR

| | | qPCR | | |
|----------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Pluslife | Positive | 4 | 0 | 4 |
| | Negative | 0 | 261 | 261 |
| | Total | 4 | 261 | 265 |

100%
Sensitivity

100%
Specificity

100%
Accuracy

Source: Clinical Lab (China)



Monkeypox Virus

Nucleic Acid Test Card



Specimen type: lesion exudate samples swab

LoD: 500 copies/mL

Time to result: 15-30 mins

Hands-on time: within 2 mins



Advantage

FAST

EASY

ACCURATE

ACCESSIBLE



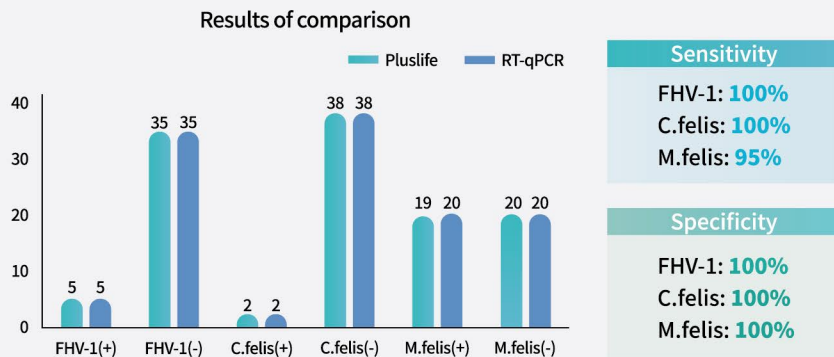
FHV-1/C.felis/M.felis

Nucleic Acid Test Card



Specimen type: eye swab, nasal swab or oropharyngeal swab.
LoD: 1000 copies/mL
Multi-pathogen detection: up to 3 pathogens in 1 test
Hands-on time: within 2 mins

A comparison study was performed between Pluslife and PCR



Source: Pet clinic (China)



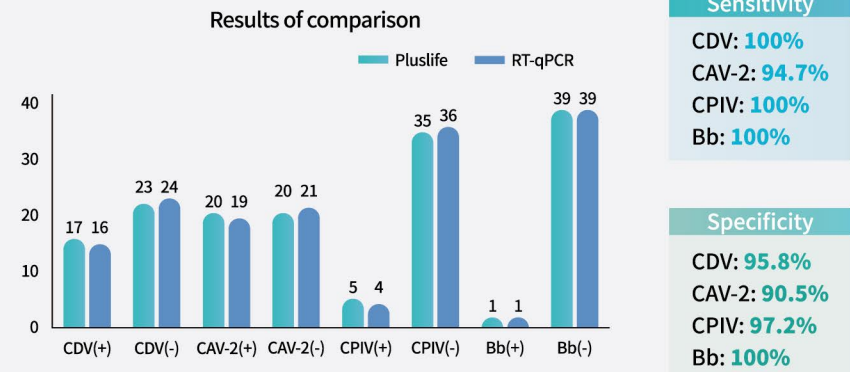
CDV/CPIV/CAV-2/Bb

Nucleic Acid Test Card



Specimen type: eye swab, nasal swab or oropharyngeal swab.
LoD: 1000 copies/mL
Multi-pathogen detection: up to 4 pathogens in 1 test
Hands-on time: within 2 mins

A comparison study was performed between Pluslife and PCR



Source: Pet clinic (China)

Upcoming Featured Tests for 2023

- Mycoplasma Pneumoniae
- Streptococcus Pneumoniae
- Tubercle Bacillus
- Hepatitis C Virus
- MRSA
- Dengue Virus
- Feline(FHV-1/C.felis/M.felis/Bb)





Guangzhou Pluslife Biotech Co.,Ltd.

 +86-020-31703986

 market@pluslife.com

 www.pluslife.com

 Floor 3, Block E, Runhui Science & Technology Park, No.18 Shenzhou RD, Huangpu District, Guangzhou, Guangdong, China



Website



LinkedIn



Line

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