CE IVD

Explore Genetic Technology to
Improve the Quality of Life

plusli/e

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



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

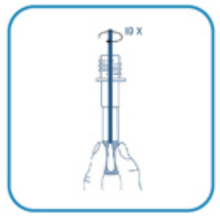
Pharmacy

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

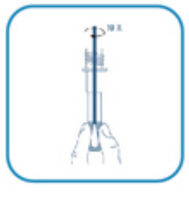
Pharmacy

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

CE IVD

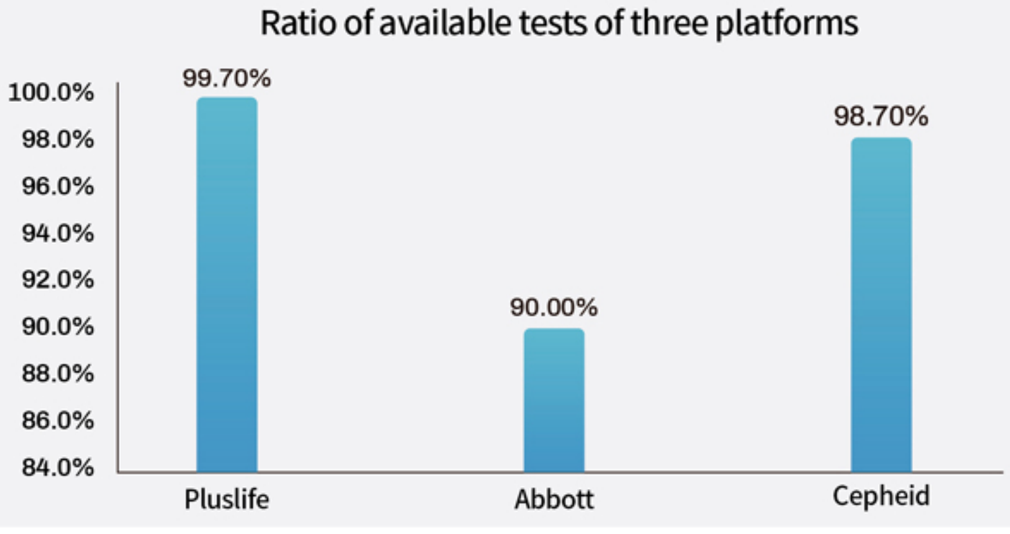
Specimen type:nasal swab

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



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)



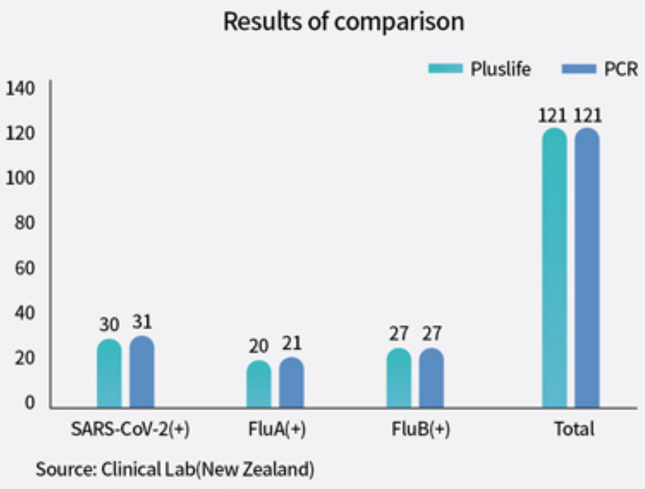
SARS-CoV-2/Flu A/Flu B

Nucleic Acid Test Card

CE IVD

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



Source: Clinical Lab(New Zealand)

SARS-CoV-2
Sensitivity: 96.77%
Specificity: 100%

Flu A
Sensitivity: 95.24%
Specificity: 100%

Flu B
Sensitivity: 100%
Specificity: 100%



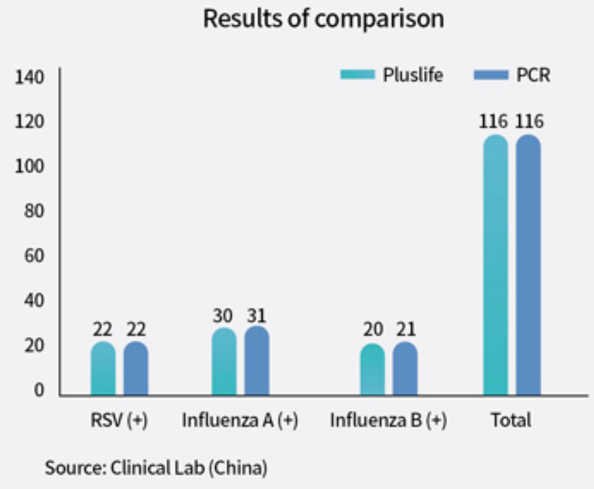
Flu A/Flu B/RSV

Nucleic Acid Test Card

CE IVD

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



Source: Clinical Lab (China)

RSV
Sensitivity: 100%
Specificity: 100%

Flu A
Sensitivity: 96.77%
Specificity: 100%

Flu B
Sensitivity: 95.24%
Specificity: 100%



RSV

Nucleic Acid Test Card

CE IVD

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

Nucleic Acid Test Card

CE IVD

Specimen type:oropharyngeal swab
LoD:1000 copies/mL
Time to result:15-30 mins
Hands-on time:within 2 mins





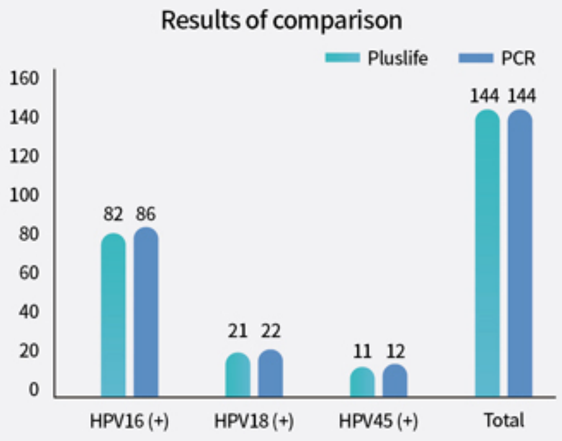
HPV 16/18/45 - HPV 16/18

Nucleic Acid Test Card

CE IVD

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)

HPV 16
Sensitivity: **95.35%**
Specificity: **100%**

HPV 18
Sensitivity: **95.45%**
Specificity: **100%**

HPV 45
Sensitivity: **91.67%**
Specificity: **100%**



CT/NG/UU - NG/UU

CE IVD

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

CE IVD

Specimen type:vulvovaginal swab
LoD:1000 copies/mL
Time to result:15-30 mins
Hands-on time:within 2 mins





HPV 6/11

Nucleic Acid Test Card

CE IVD

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

CE IVD

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)

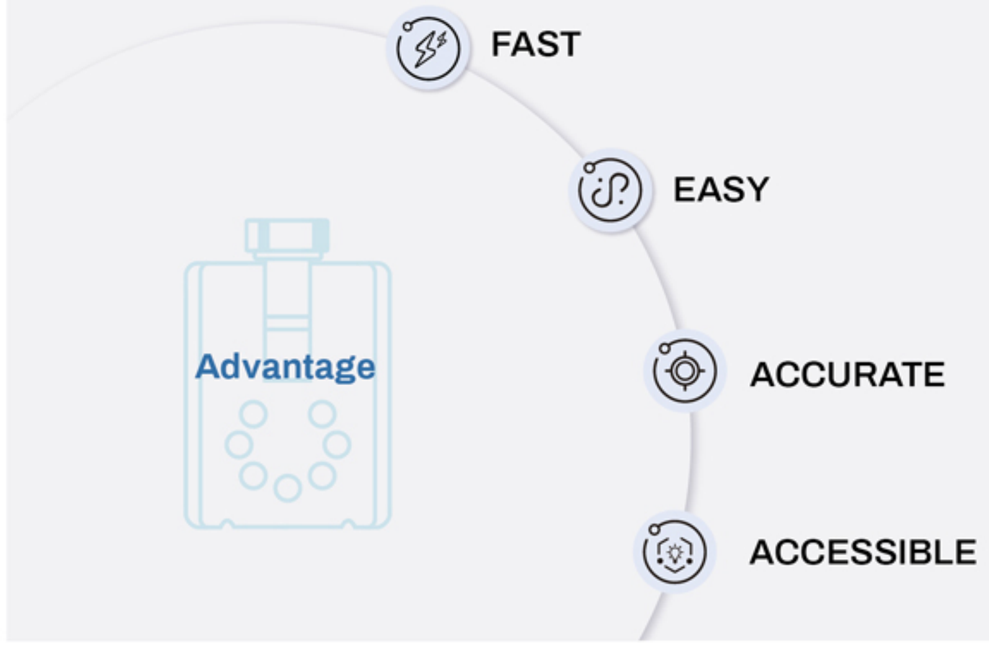


Monkeypox Virus

Nucleic Acid Test Card

CE IVD

Specimen type:lesion exudate samples swab
LoD:500 copies/mL
Time to result:15-30 mins
Hands-on time:within 2 mins



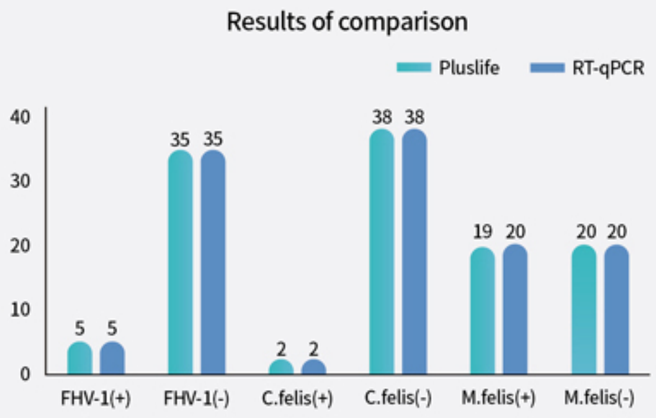


FHV-1/C.felis/M.felis

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



Sensitivity	
FHV-1:	100%
C.felis:	100%
M.felis:	95%

Specificity	
FHV-1:	100%
C.felis:	100%
M.felis:	100%

Source: Pet clinic (China)

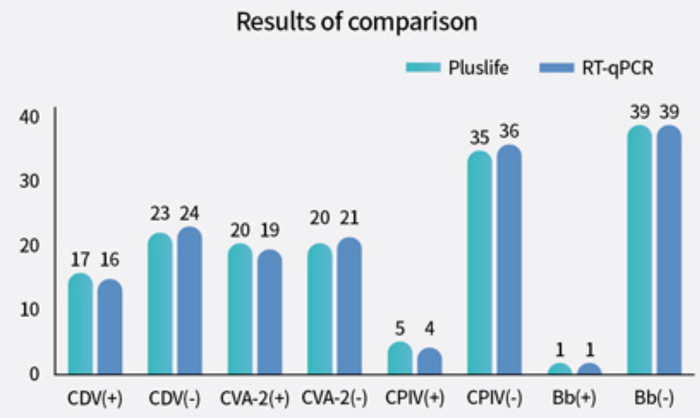


CDV/CPIV/CAV-2/Bb

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



Sensitivity	
CDV:	100%
CVA-2:	94.7%
CPIV:	100%
Bb:	100%

Specificity	
CDV:	95.8%
CVA-2:	90.5%
CPIV:	97.2%
Bb:	100%

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)





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