

Revolutionizing and decentralizing infectious disease  
diagnosis with innovative, rapid, accurate, and affordable  
molecular POCT solutions



# Pluslife Product Catalog

Closing Diagnostic Gaps with  
Near-POC Molecular Testing



# Who We Are

- Offers comprehensive solutions including core protein R&D, detection methodology R&D and near-point-of-care molecular diagnostics.
- 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.
- Forged strategic partnerships with global NGOs, prominent organizations, and impactful initiatives.



**10,000m<sup>2</sup>**  
Facilities

**13485**  
ISO

**60+**  
patents granted

**130+**  
overseas certifications

# | What We Do

## Closing Diagnostic Gaps with Near-POC Molecular Testing



### **Rapid**

Results available in  
as fast as 5 min



### **Accessible**

Easy-to-collect



### **Easy**

Hands-on time  
within 2 min



### **Affordable**

Cost advantage  
among similar products



### **Sensitive**

Lab-comparable  
PCR-level accuracy



### **Robust**

Same-day diagnosis  
& treatment

# Pluslife MiniDock

## Rapid Molecular POCT System

CE IVD

PM001

PM001 Ultra



### Features (PM001 & PM001 Ultra)

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

**Accurate:** Comparable performance to PCR

**Rapid:** Result in 5-25 min

**Simple:** Within 2 min hands-on time

**Flexible:** Free from cold-chain

**Reliable:** Portable Smart Charging Station compatible

**Wireless Connection:** Bluetooth enabled

### Features (PM001 Ultra only)

**Data Storage:** 6000 sample results capacity

**Identification Module:** Auto scan, identify, and start testing

**Wireless Connection:** Wi-Fi enabled

### Application Scenarios



Hospital/Clinic/  
GP's Office

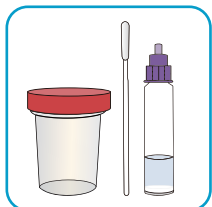


Pharmacy

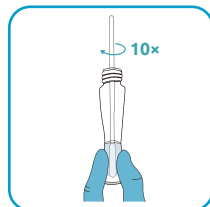


Testing Center

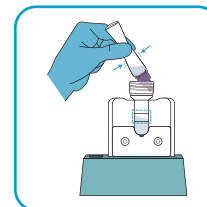
### Test Procedure



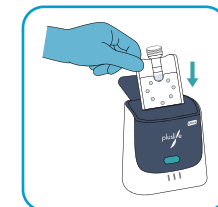
Collect Sample



Mix Sample



Prepare Reaction  
Card



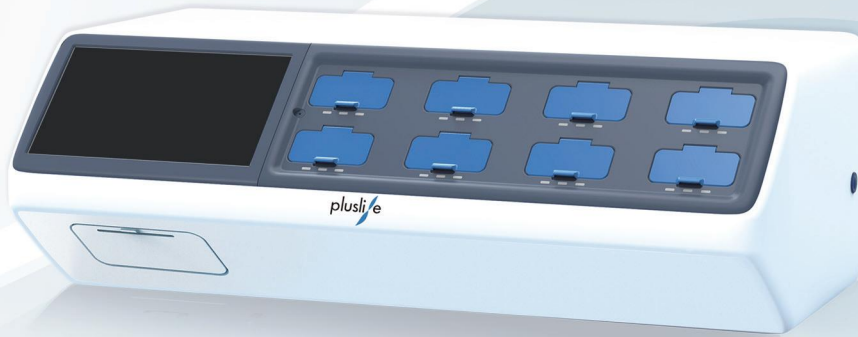
Run Test

# Pluslife Dock Pro 8

## Eight-Channel POC Molecular Analyzer

CE IVD

PM008



### Features

**Flexible:** 8 test channels work independently

**Accurate:** Comparable performance to PCR

**Rapid:** Result in 5-25 min

**Compact:** Benchtop size and stackable

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

**Extensive:** Compatible with 16+ tests

**Wireless Connection:** Wi-Fi enabled

### Application Scenarios



Hospital/Clinic/  
GP's Office

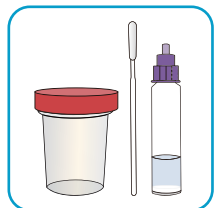


Pharmacy

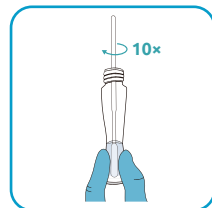


Testing Center

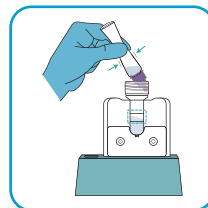
### Test Procedure



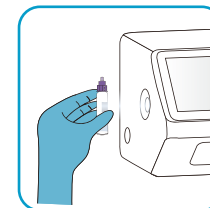
Collect  
Sample



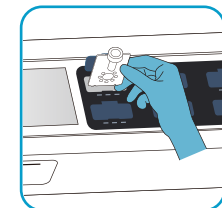
Mix  
Sample



Prepare  
Reaction Card

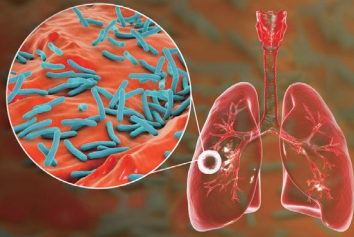


Scan  
Sample



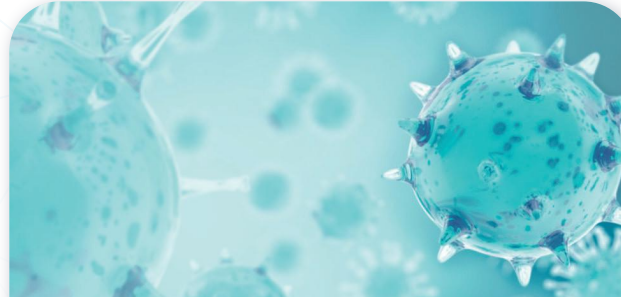
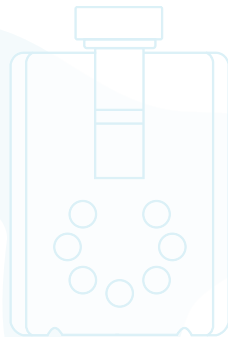
Run  
Test

# Test Menu



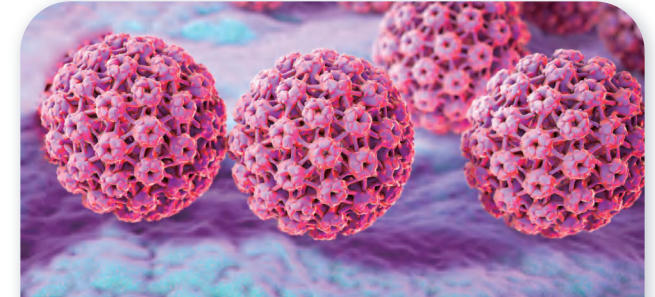
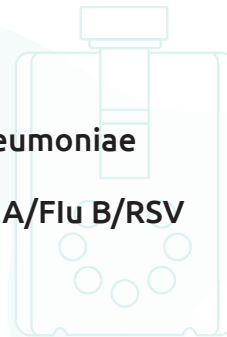
## Pandemic Pathogens

- ✓ MTB
- ✓ SARS-CoV-2
- ✓ Monkeypox
- ✓ MTB/RIF\*
- ✓ Dengue\*



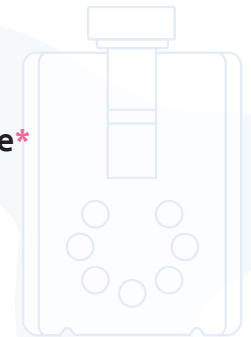
## Respiratory Health

- ✓ SARS-CoV-2/Flu A/Flu B
- ✓ Flu A/Flu B/RSV
- ✓ RSV
- ✓ Strep A
- ✓ Mycoplasma Pneumoniae
- ✓ SARS-CoV-2/Flu A/Flu B/RSV



## Sexual Health

- ✓ CT/NG/UU
- ✓ HPV 16/18/45
- ✓ GBS
- ✓ CT/NG/TV\*
- ✓ HPV 8-Genotype\*



\* Coming soon



# MiniDock MTB Test

## MTB Nucleic Acid Test Card



**Specimen type:** sputum/tongue swab (1 kit for 2 sample types)

**LoD:** 5 CFU/mL (sputum); 1 CFU/swab (tongue swab)

**Time to result:** 5-25 min

**Hands-on time:** within 2 min

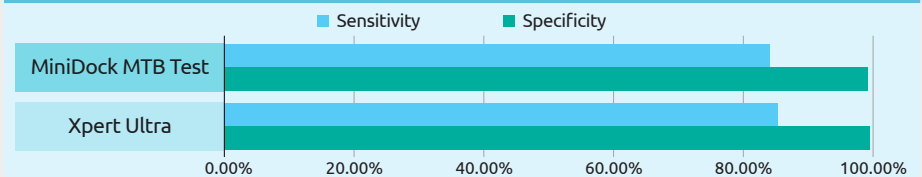
### MiniDock MTB Test (Tongue Swab) Demonstrates High Specificity Across Countries



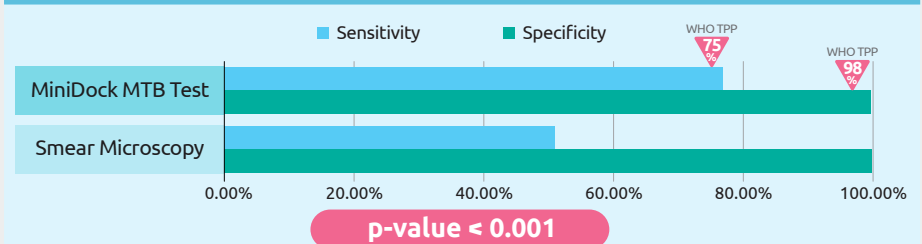
Reference:  
R2D2 TB Network. Clinical Performance Study of MiniDock® MTB Test in High TB Burden Settings. Stage Analysis Report, 14 Jul 2025

### MiniDock MTB Test: Comparable to GeneXpert® Ultra, Exceeds WHO TPP, and Outperforms Sputum Smear Microscopy

#### MiniDock MTB Test (Sputum) vs. Xpert Ultra (Sputum)



#### MiniDock MTB Test (Tongue Swab) vs. Smear Microscopy



△ Sensitivity: +18-24 percentage points vs smear microscopy (p<0.001)

1. Head-to-Head Comparison of MiniDock® MTB Test, Xpert® Ultra, and Smear Microscopy Using MRS as the Reference Standard  
2. Diagnostic accuracy was calculated against a microbiological reference standard (MRS). Pooled cohort N = 1,266 participants for both sputum and tongue-swab analyses.  
3. McNemar's test: vs sputum smear microscopy, p < 0.001; tongue swab vs sputum Xpert Ultra, p < 0.001; sputum MiniDock MTB vs sputum Xpert Ultra, p = 0.11.

Reference:  
R2D2 TB Network. Clinical Performance Study of MiniDock® MTB Test in High TB Burden Settings. Stage Analysis Report, 14 Jul 2025



# SARS-CoV-2

## Nucleic Acid Test Card



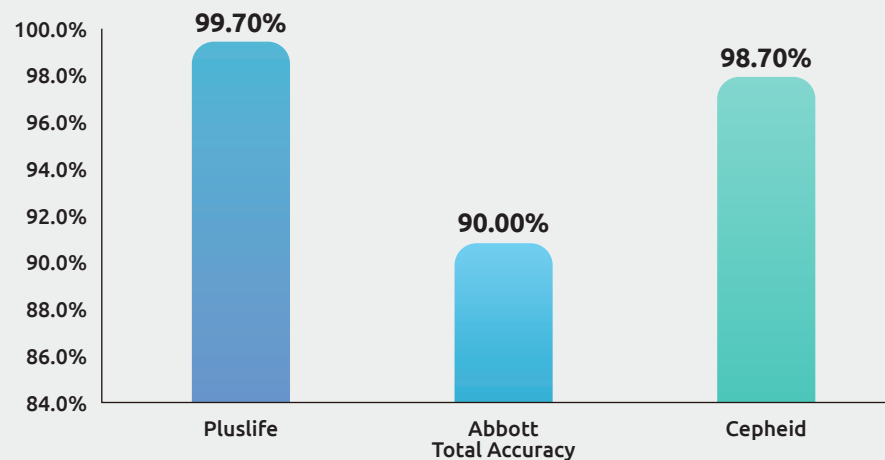
**Specimen type:** nasal swab

**LoD:** 400 copies/mL

**Time to result:** 7 min for positive result, 35 min for negative result

**Hands-on time:** within 2 min

### A Comparative Study: Pluslife vs Abbott vs Cepheid



### Sensitivity

**99.0%**  
Pluslife

**100%**  
Abbott

**98.99%**  
Cepheid

### Specificity

**100%**  
Pluslife

**98.9%**  
Abbott

**93.72%**  
Cepheid

### Total Accuracy

**99.7%**  
Pluslife

**89.35%**  
Abbott

**94.19%**  
Cepheid

| Comparator<br>PCR | Positive |          |         | Negative |          |         |
|-------------------|----------|----------|---------|----------|----------|---------|
|                   | 100      |          |         | 210      |          |         |
| Candidate Test    | Positive | Negative | Invalid | Positive | Negative | Invalid |
| Pluslife          | 99       | 1        | 0       | 0        | 209      | 1       |
| Abbott            | 99       | 0        | 0       | 2        | 178      | 30      |
| Cepheid           | 98       | 1        | 1       | 13       | 207      | 3       |

Source: Clinical Lab (Luxembourg)



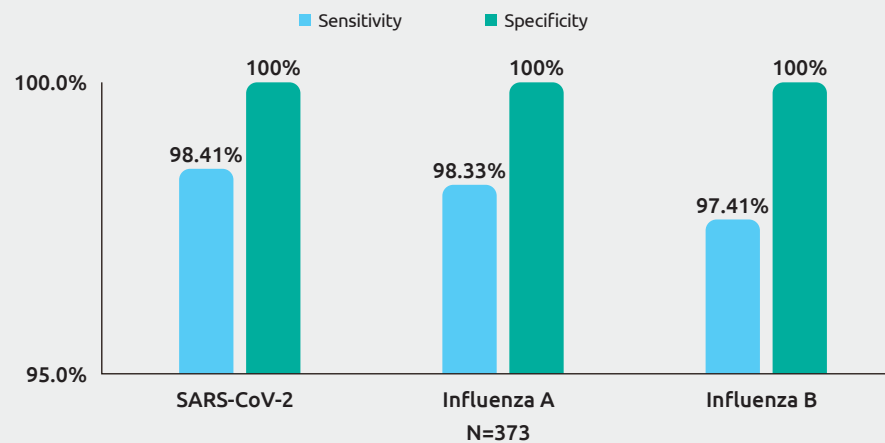
## SARS-CoV-2/ Influenza A/Influenza B

CE IVD

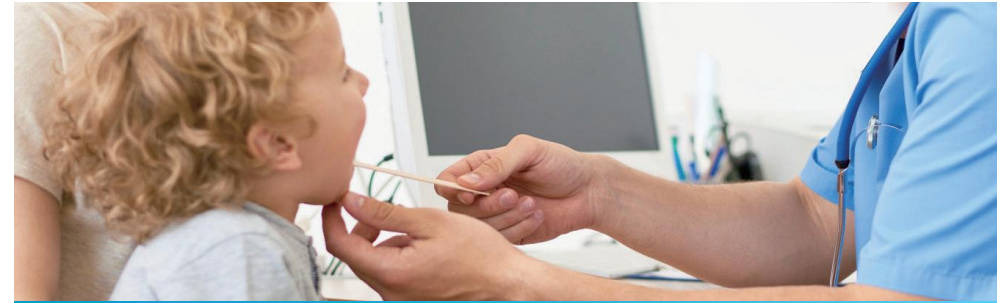
### Nucleic Acid Test Card

**Specimen type:** nasal/nasopharyngeal/oropharyngeal swab  
**LoD:** SARS-CoV-2 1000 copies/mL, Flu A 2000 copies/mL, Flu B 1000 copies/mL  
**Multi-pathogen detection:** up to 3 pathogens in 1 test  
**Hands-on time:** within 2 min

#### Clinical Performance Against RT-PCR



Source: Clinical Lab (China)



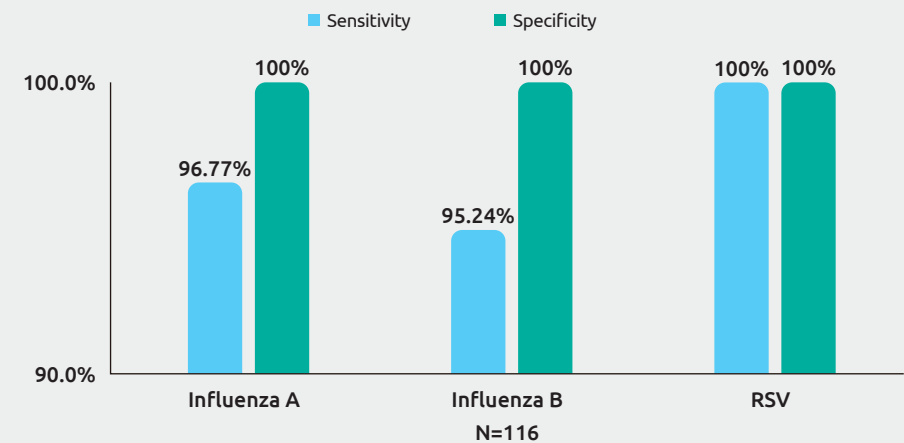
## Influenza A/Influenza B/RSV

CE IVD

### Nucleic Acid Test Card

**Specimen type:** nasal/nasopharyngeal/oropharyngeal swab  
**LoD:** Flu A 2000 copies/mL, Flu B 1000 copies/mL, RSV 1000 copies/mL  
**Multi-pathogen detection:** up to 3 pathogens in 1 test  
**Hands-on time:** within 2 min

#### Clinical Performance Against RT-PCR



Source: Clinical Lab (China)



## RSV

### Nucleic Acid Test Card

CE IVD

**Specimen type:** nasal/nasopharyngeal/oropharyngeal swab

**LoD:** 1000 copies/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min

97.96%  
Sensitivity

100%  
Specificity

98.31%  
Accuracy

A comparative clinical trial in Italy

| qPCR         |           |           |           |
|--------------|-----------|-----------|-----------|
| Pluslife     | Positive  | Negative  | Total     |
| Positive     | 48        | 0         | 48        |
| Negative     | 1         | 10        | 11        |
| <b>Total</b> | <b>49</b> | <b>10</b> | <b>59</b> |

Source: Clinical Lab (Italy)



## Strep A

### Nucleic Acid Test Card

CE IVD

**Specimen type:** oropharyngeal swab

**LoD:** 1000 copies/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min





## Mycoplasma Pneumoniae

### Nucleic Acid Test Card

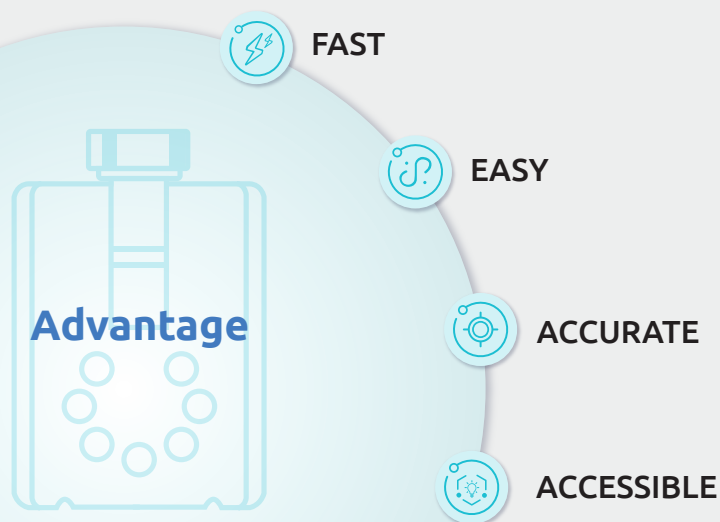
CE IVD

**Specimen type:** oropharyngeal swab

**LoD:** 500 copies/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min



## SARS-CoV-2/Influenza A/Influenza B/RSV

### Nucleic Acid Test Card

CE IVD

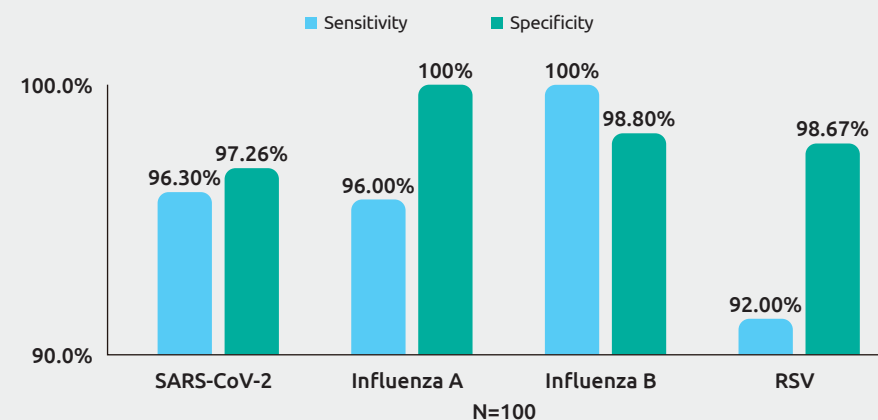
**Specimen type:** nasal/nasopharyngeal/oropharyngeal swab

**LoD:** SARS-CoV-2 2000 copies/mL, Flu A 4000 copies/mL, Flu B 2000 copies/mL, RSV 2000 copies/mL

**Multi-pathogen detection:** up to 4 pathogens in 1 test

**Hands-on time:** within 2 min

### Clinical Performance Against RT-PCR



Source: Clinical Lab (China)



# HPV 16/18/45

Nucleic Acid Test Card

CE IVD

**Specimen type:** cervical swab/vulvovaginal swab

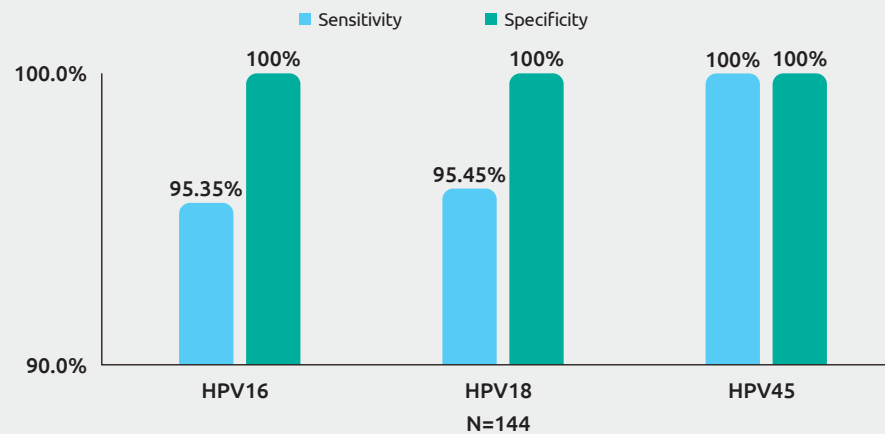
**LoD:** HPV16 800 copies/mL, HPV18 800 copies/mL, HPV45 1000 copies/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min

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

## Clinical Performance Against RT-PCR



Source: Clinical Lab (China)



# CT/NG/UU

Nucleic Acid Test Card

IVD

**Specimen type:** vulvovaginal/male urethral swab or urine

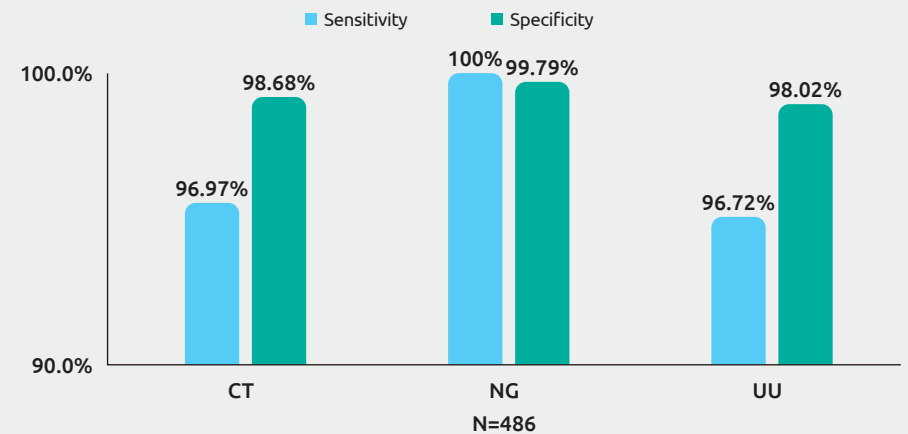
**LoD:** CT 500 copies/mL, NG 2000 copies/mL, UU 500 copies/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min

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

## Clinical Performance Against qPCR



Source: Central Hospital (China)



## GBS

### Nucleic Acid Test Card

CE IVD

**Specimen type:** vulvovaginal swab

**LoD:** 1000 CFU/mL

**Time to result:** 15-35 min

**Hands-on time:** within 2 min

97.8%  
Sensitivity

93.4%  
Specificity

94.8%  
Accuracy

**Clinical Performance Against Culture**  
(With and Without Enrichment, Identical Results)

| Gold Standard |           |            |            |
|---------------|-----------|------------|------------|
| Pluslife      | Positive  | Negative   | Total      |
| Positive      | 83        | 19         | 102        |
| Negative      | 2         | 183        | 185        |
| <b>Total</b>  | <b>85</b> | <b>202</b> | <b>287</b> |

\* The last 13 samples were negative regardless of the alternative method considered (initial culture, Ampliflash GBS, and other molecular methods).

Source: the Bacteriology Department of Cochin Hospital, National Reference Center (CNR)



## Monkeypox Virus

### Nucleic Acid Test Card

CE IVD

**Specimen type:** lesion exudate samples swab

**LoD:** 500 copies/mL

**Time to result:** 15-28 min

**Hands-on time:** within 2 min



FAST



EASY



ACCURATE

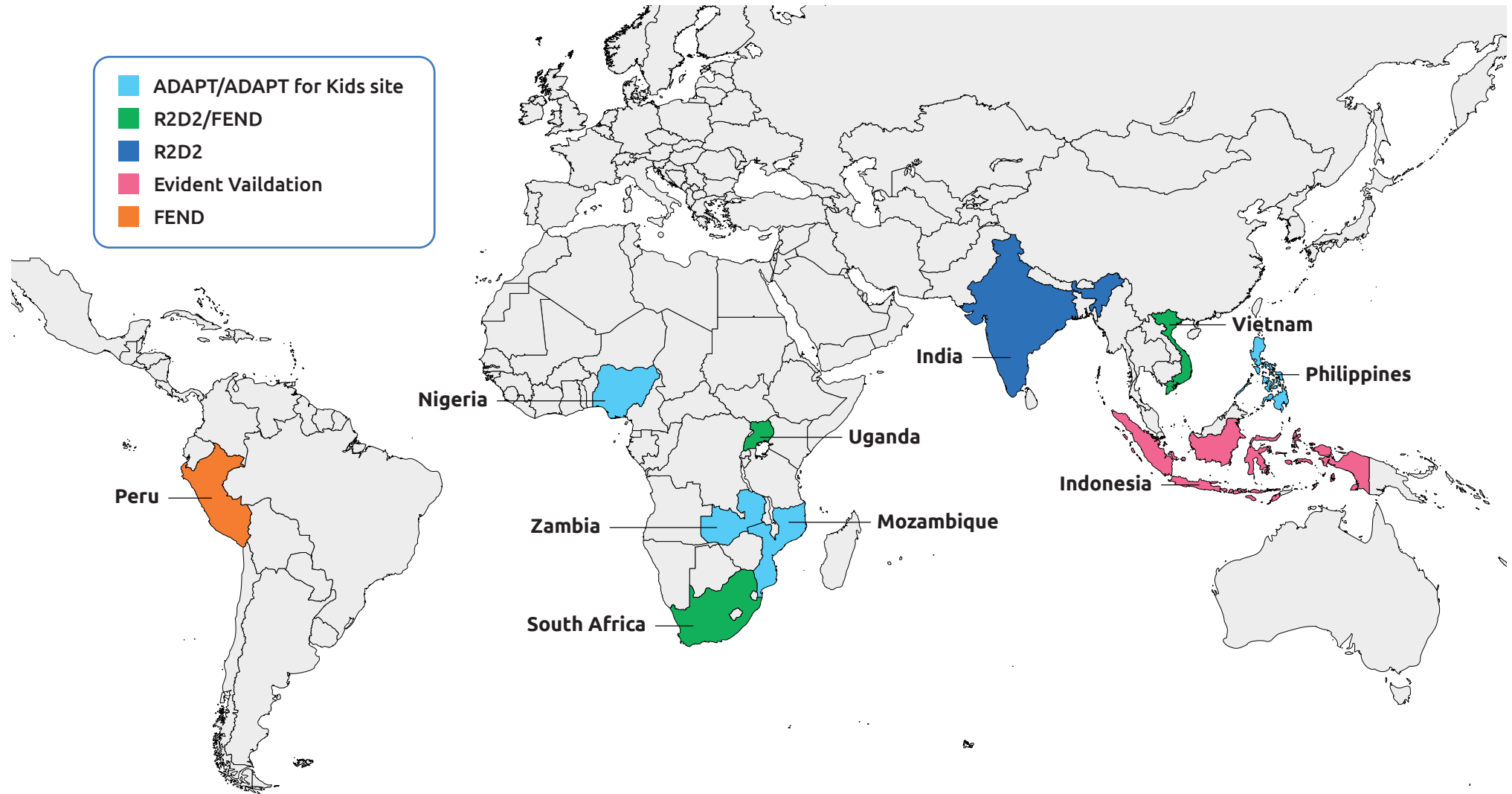


ACCESSIBLE

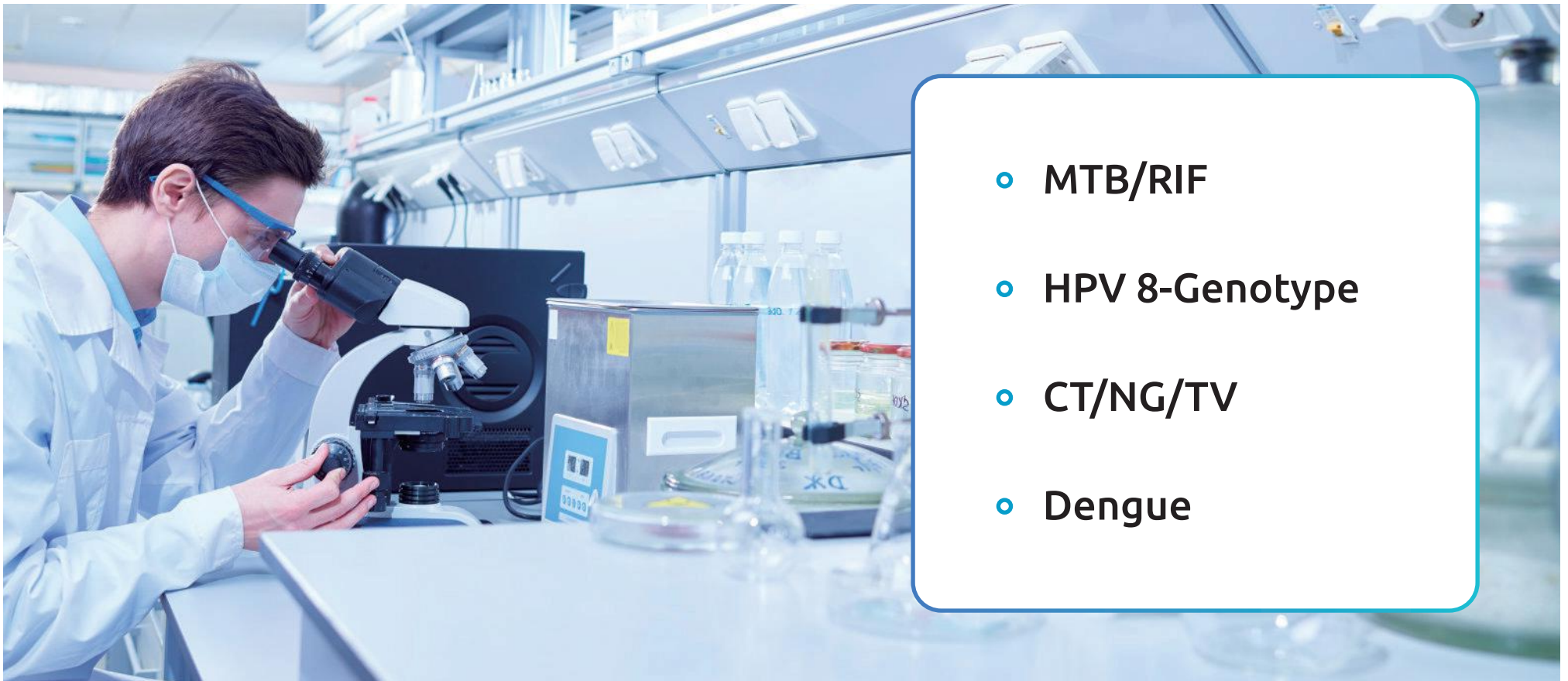


Advantage

# Collaborations & Projects



# Upcoming Featured Tests for 2026-2028



- MTB/RIF
- HPV 8-Genotype
- CT/NG/TV
- Dengue



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LinkedIn

PL-HMC-EN-2603