

# PCRD and PCRD FLEX

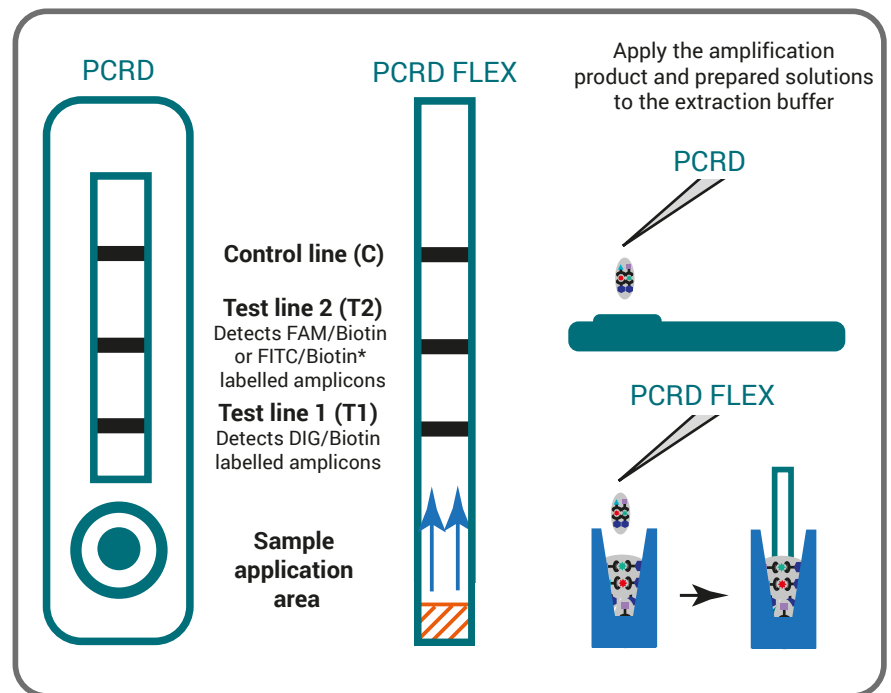
## Rapid Nucleic Acid Detection

Helping take molecular testing from the laboratory to point-of-care

PCRD and PCRD FLEX are nucleic acid lateral flow immunoassays (NALFIA) designed to detect amplicons labelled with DIG/Biotin and/or FITC (or FAM)/Biotin. They provide a sensitive solution to confirm the successful outcome of a DNA or RNA amplification exercise.

The flexibility and compatibility with multiple amplification methods, makes PCRD and PCRD FLEX our customers' first choice when requiring:

- ✓ Rapid deployment of molecular testing in response to disease outbreaks
- ✓ Decentralised testing for faster results delivery and reduced diagnosis bottlenecks
- ✓ Testing in remote areas with the use of minimal equipment
- ✓ A cost-effective alternative for nucleic acid detection



### Compatible amplification methods

- Isothermal amplification e.g. LAMP or RPA
- Traditional PCR
- RNA or DNA Detection
- CRISPR Technology

### Applications and industries

- Infectious Diseases
- Animal Health
- Food and Beverage
- Environmental Testing

Results  
in 10  
minutes



# Combine with your established isothermal amplification method without major changes

- No primer design changes
- Minimal training required
- PCRD doesn't need refrigeration
- Maintain the same amplification protocol
- Detect your amplicon of choice
- Minimal equipment needed

## Flexible deployment

PCRD and PCRD FLEX alongside your established amplification methods provides a solution for testing in multiple locations whilst enabling faster results delivery.

Doctors  
Office

COVID-19  
Testing Hub

Remote  
Clinics

Pharmacies

## A straightforward approach

Step  
1

Label primers/probes

Step  
2

Carry out amplification

Step  
3

Add reaction sample to PCRD Buffer

Step  
4

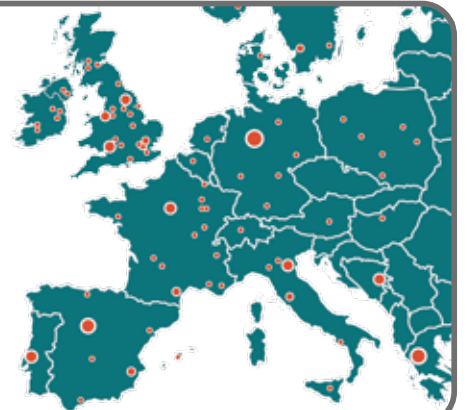
Apply to PCRD

Step  
5

Wait 10 minutes

## Enhance your results

Unlike other nucleic acid rapid tests, result analysis can be enhanced with AppDx. This intuitive app utilises in-built smartphone functionality to read rapid tests for the sharing and storage of lab-quality data. By customising AppDx to your specific data needs you will be able to date stamp results or record GPS locations for rapid analysis.



## How to order PCRD and PCRD FLEX

Orders can be placed online by visiting [www.abingdonhealth.com/other-products](http://www.abingdonhealth.com/other-products). Alternatively, please contact a member of the team to request a quote or supply us with a purchase order.

## Customisation

Abingdon Health's assay development experience combined with flexible, advanced high-volume manufacturing capacity means single or multiple target PCRD tests can be manufactured to your desired specification and volumes.

[www.abingdonhealth.com/pcrd](http://www.abingdonhealth.com/pcrd)

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