

# Molecular Diagnostics Vector Program



Program Directors: Seth Egan, Cameron Gundry & Denny Crockett  
Co-Diagnostics, Inc.  
NASDAQ Ticker CODX

Currently offering services to:

- United States Vector
- Central America
- South America
- Caribbean nations





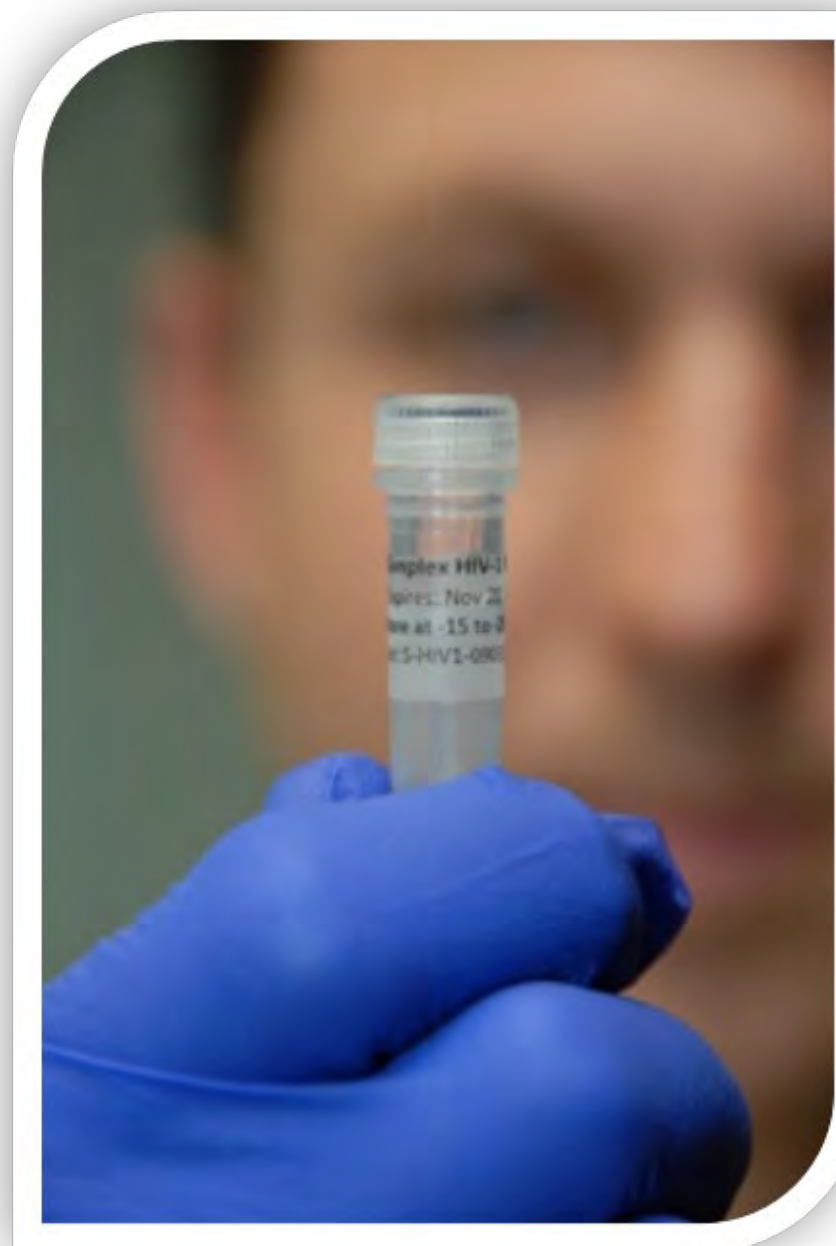
# Do You Use PCR to Test Mosquitos?

Let us show you a program that is affordable and efficient

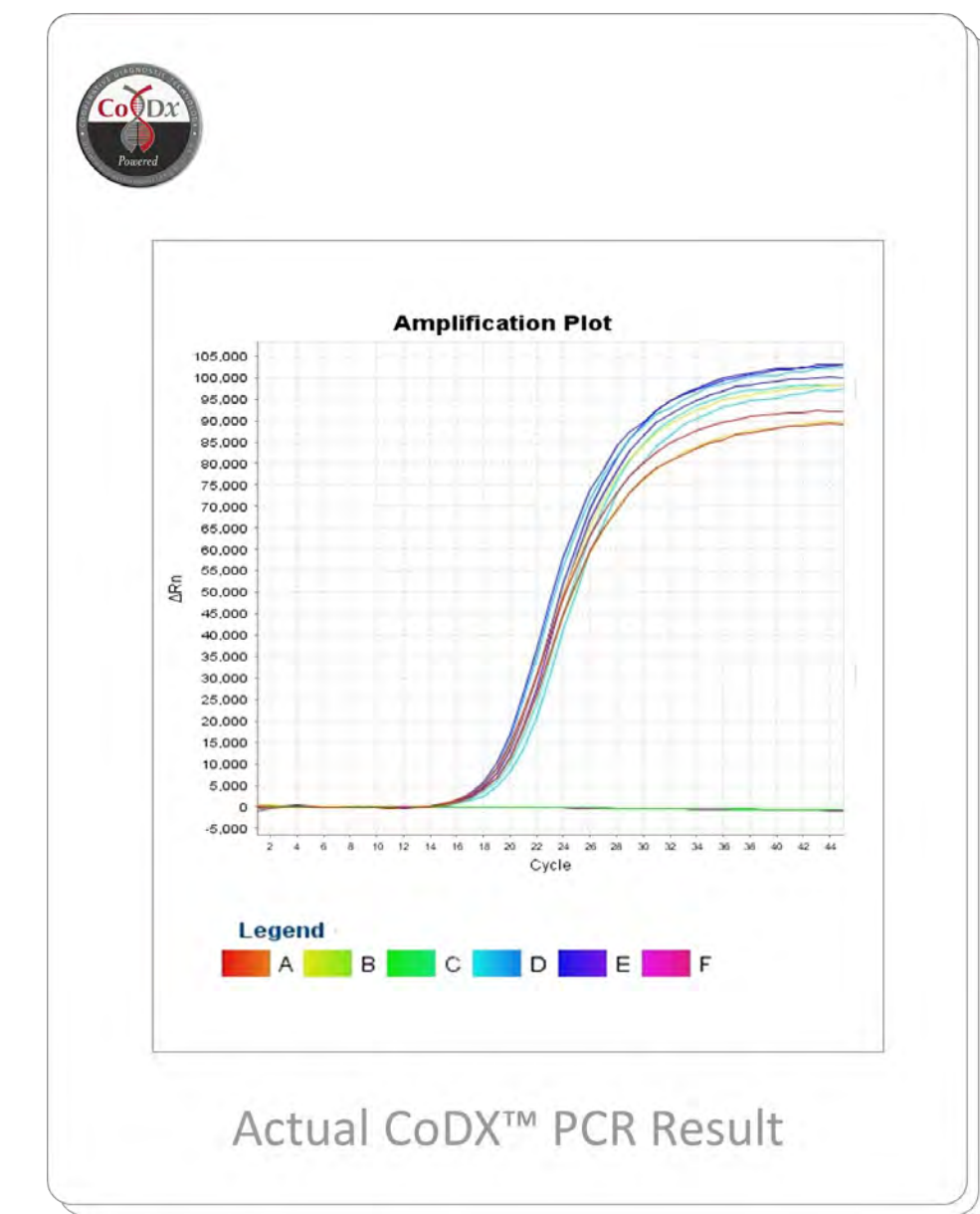
Affordable PCR Equipment



Low Cost Test



Easy-to-Read Results



# Affordable Tests & Equipment

- Maintenance-free Equipment
- Low Cost Test
- On site Training

## Test Menu:

### 1. Vector Smart™ North American Mosquito West

- West Nile
- St. Louis Encephalitis
- Western Equine Encephalitis

### 2. Vector Smart™ North American Mosquito East

- West Nile
- St. Louis Encephalitis
- Eastern Equine Encephalitis

### 3. Vector Smart™ VZDC

- Zika
- Dengue
- Chikungunya

## Fully Integrated MDx System

EASE OF TRANSPORT, ACCESS AND LOW-COST





# About Co-Diagnostics, Inc.

AFFORDABLE MOSQUITO PCR TESTING

Co-Diagnostics, Inc., headquartered in Salt Lake City, Utah is a molecular diagnostics company that focuses on testing for Infectious disease, agriculture, cancer and **vector control**. We are currently offering affordable PCR tests and equipment to vector zones nationwide.

Our real-time PCR multiplex test kit provides accurate results in about 90 minutes. The *CoDx Vector* program gives vector control to ability to increase surveillance coverage with reliable results at a low cost.

Contact us today to learn how we can help with the needs in your district.

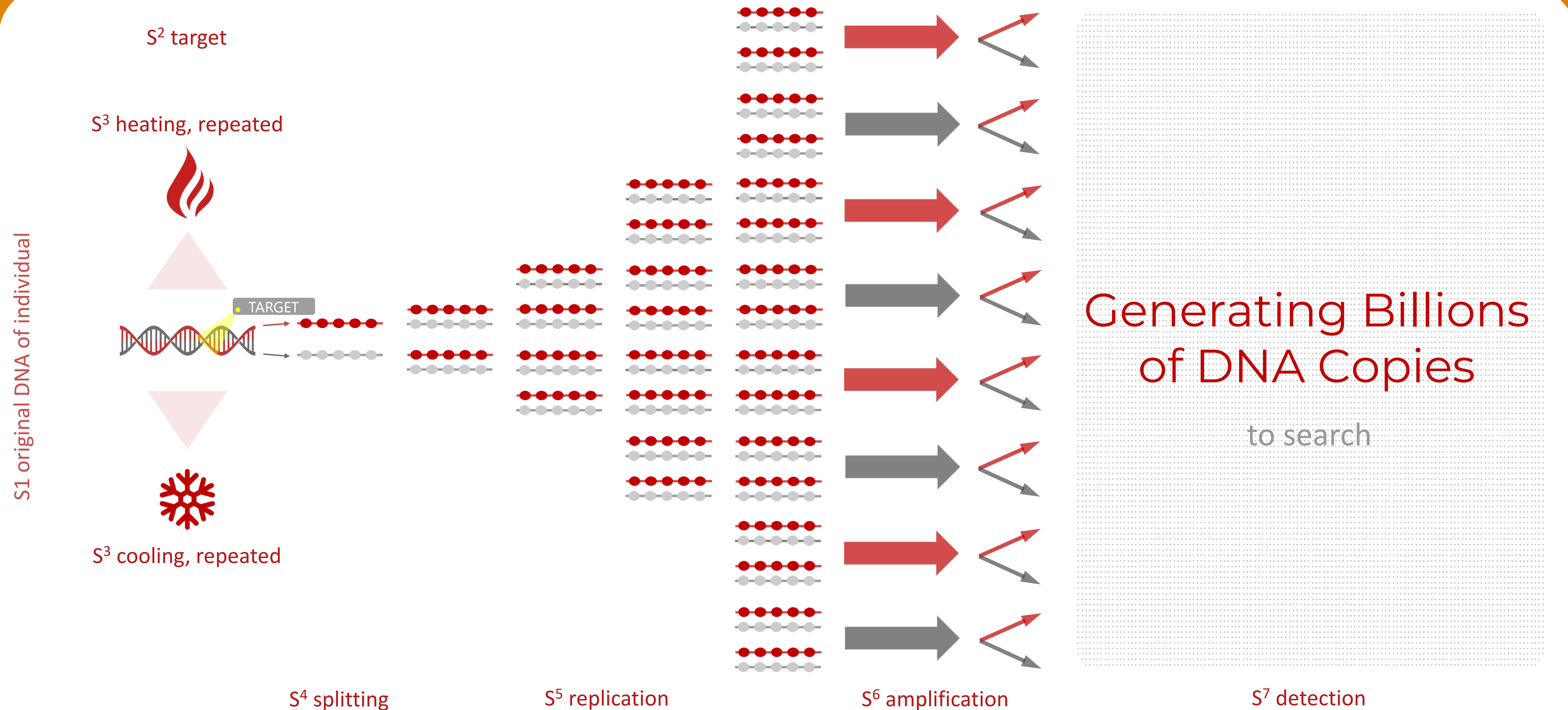
Co-Diagnostics, Inc.  
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SLC, Utah Headquarters  
ISO: 13485

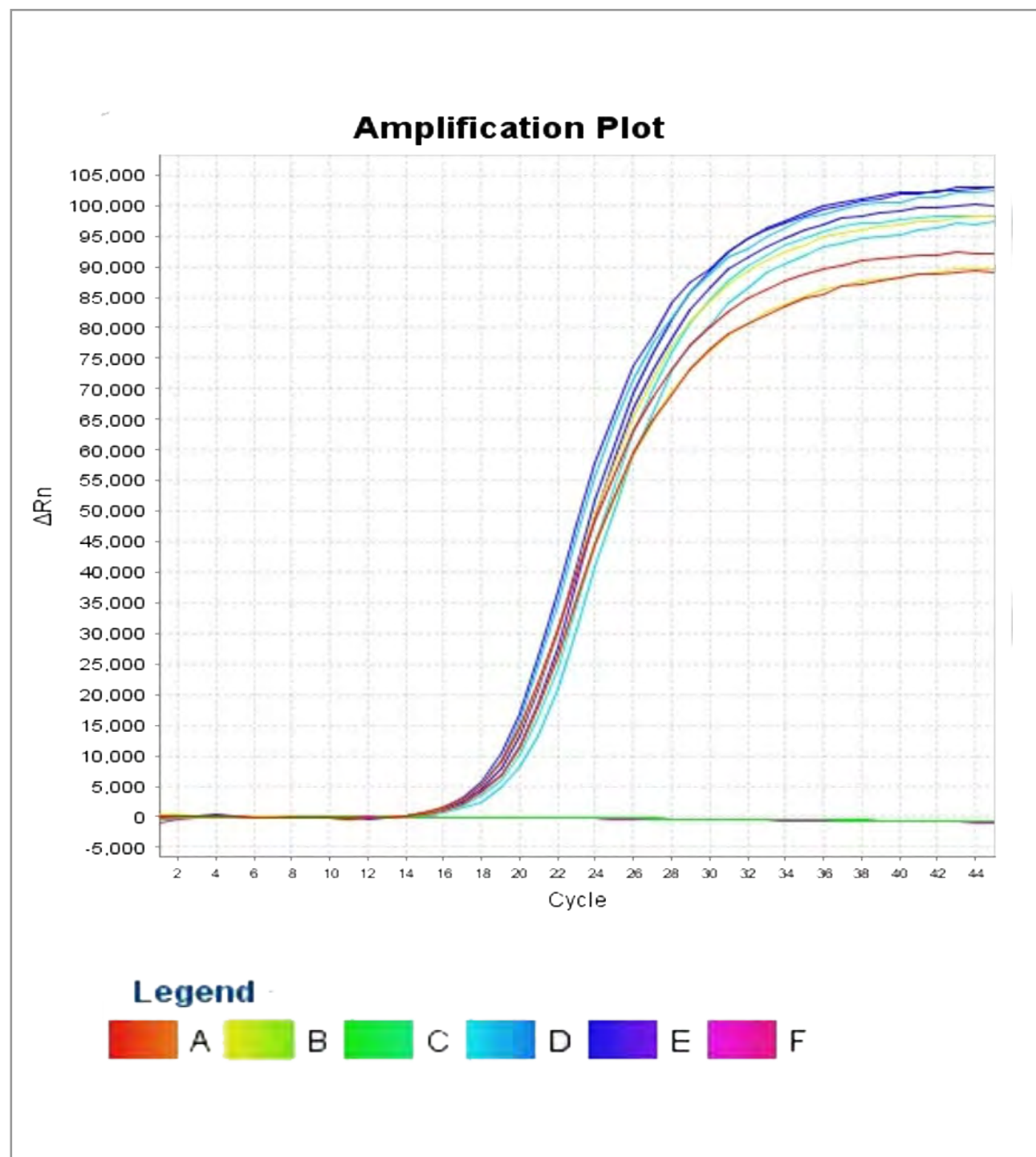


# PCR: How does it work?



# Easy to read results in about one hour

DISCOVER THE LIGHT



Actual CoDX™ PCR Result

Positive

Negative

The presence of a targeted marker generates a colored fluorescent light.

The PCR device measures this light among billions of positive reactions as the fluorophores are released.



# General Process

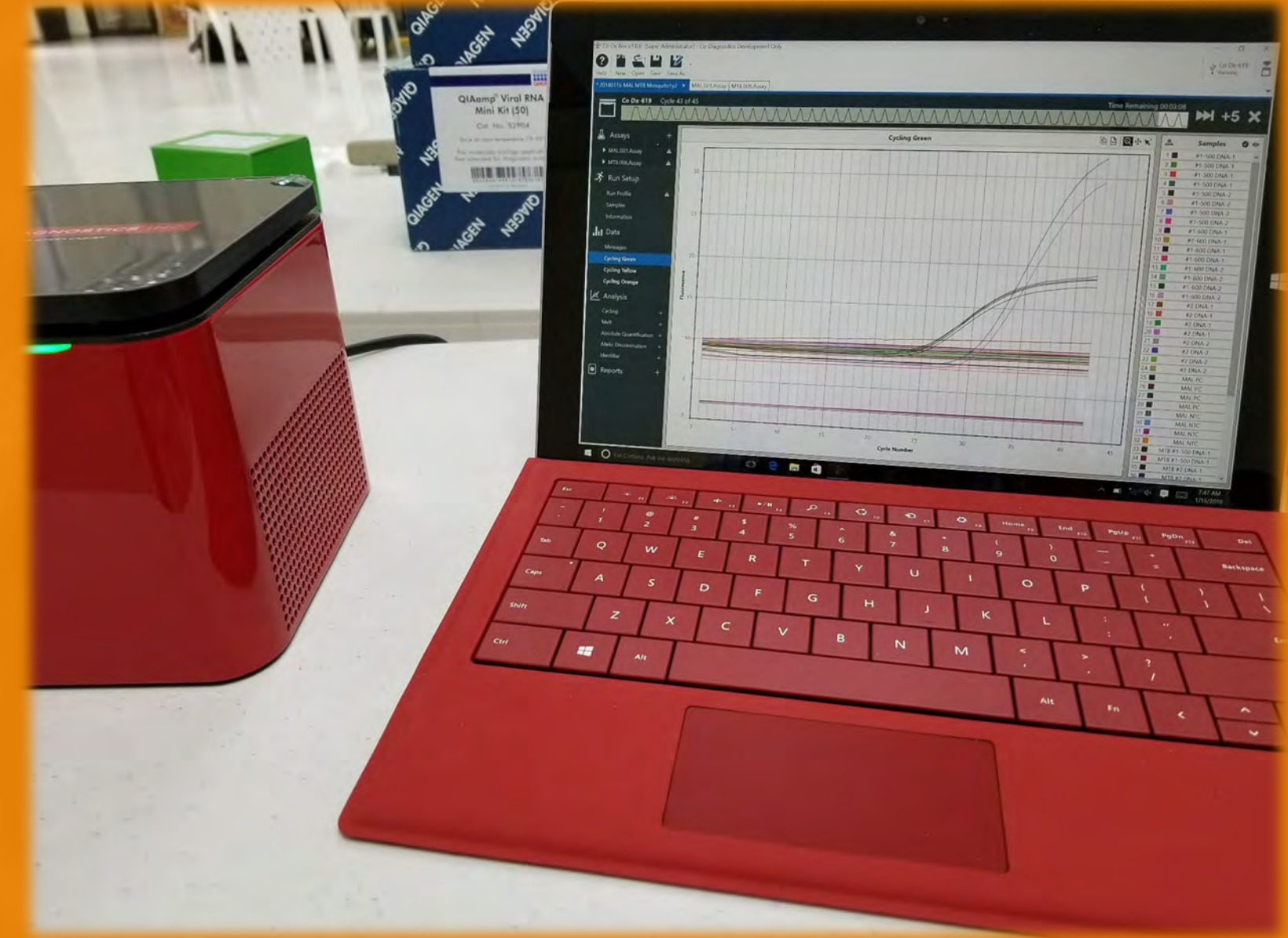
Capture Mosquitoes



Extract DNA or RNA



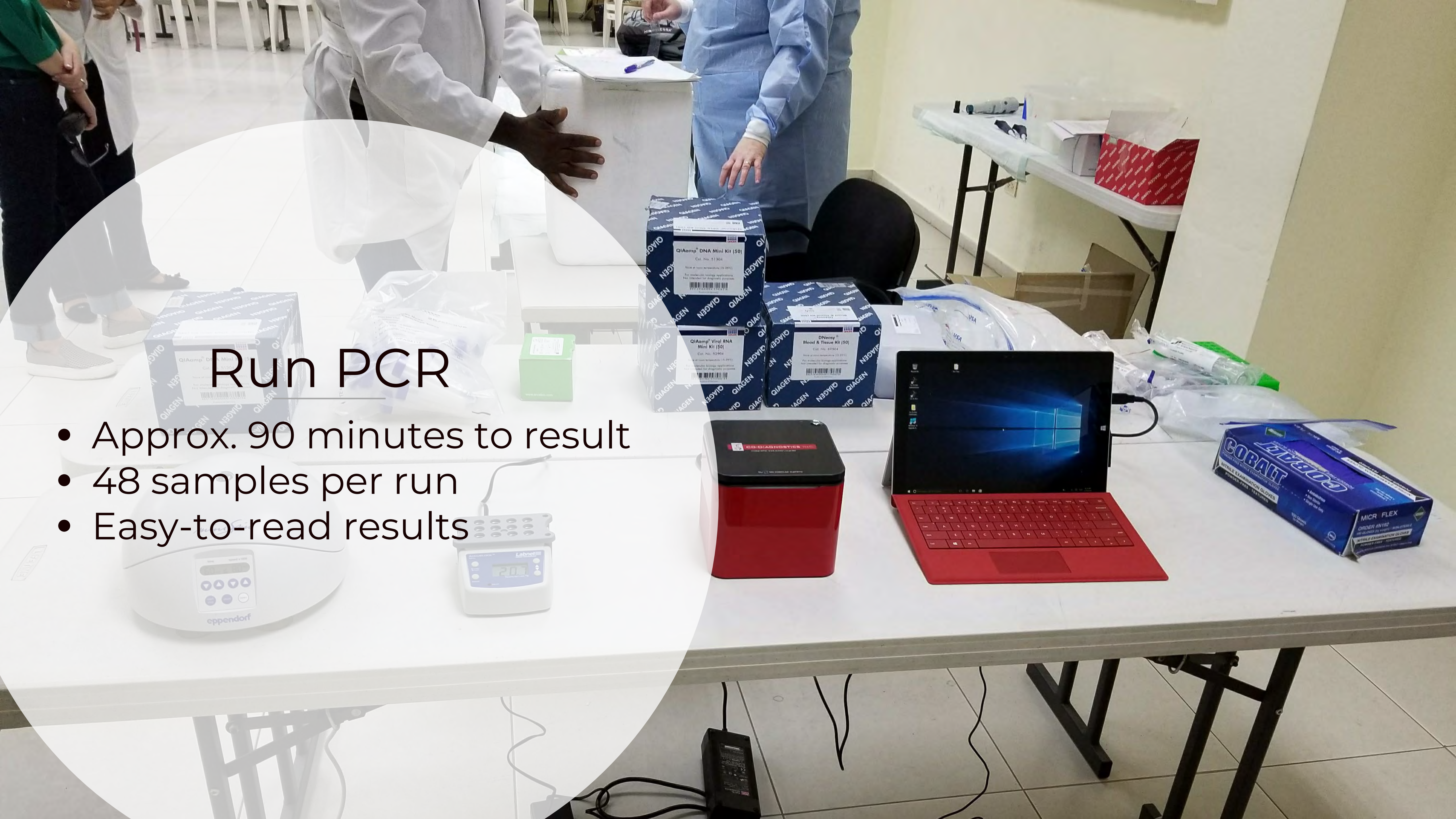
Run PCR Test





# Run PCR

- Approx. 90 minutes to result
- 48 samples per run
- Easy-to-read results





# CoDx Box Lab Kit

AFFORDABLE PCR EQUIPMENT & LOW-COST TESTS

- CoDx Box

- 48-well PCR Machine
- Centrifuge
- Incubator
- Extraction Kit
- Microsoft Surface Tablet
- Affordable





# Pricing Options

Services offered: Tests, Equipment, Training, Emergency Vector Testing

## Option 1: \$14,900

- Real-time PCR instrument
- 100 PCR reagents
- Extraction for 100 tests
- Consumables for 100 tests
- Training sessions at our facility
- Ongoing virtual/telephone/video support from our highly trained technicians

## Option 2: \$18,900

- Real-time PCR instrument
- CODX Box lab kit
- Magnetic plate
- Pipettes
- 100 PCR reagents
- Extraction for 100 tests
- Consumables for 100 tests
- Training sessions at our facility
- Ongoing virtual/telephone/video support from our highly trained technicians

## Option 3: \$24,900

- Real-time PCR instrument
- CODX Box lab kit
- 2 PCR workstation hoods
- Magnetic plate
- Pipettes
- 300 PCR reagents
- Extraction for 300 tests
- Consumables for 300 tests
- Onsite training at your facility
- Ongoing virtual/telephone/video support from our highly trained technicians



# Test for Infectious Disease, Ag-Bio & Mosquitoes

## AREAS OF FOCUS

### Human Diagnostics

ZDC PCR Test



**Logix Smart™ ZDC**  
Multiplex Zika/Dengue/Chikungunya  
Innovating Molecular Diagnostic Solutions

Logix Smart™ ZDC is a real-time CE IVD PCR multiplex test intended to detect Zika, dengue (types 1, 2, 3, and 4), and chikungunya viruses through extracted ribonucleic acid (RNA) from serum, plasma, CSF, and urine from symptomatic or asymptomatic patients. According to CDC, Real-time PCR technology is the preferred method when testing for these arboviruses due to its higher sensitive and specificity when compared to other technologies (CDC, Division of Vector-Borne Diseases, 2016). Logix Smart™ ZDC offers a faster, reliable and cost-effective solution to fight against these mosquito-borne diseases making it the preferred global solution for rapid, accurate, and inexpensive detection.

Logix Smart™ ZDC has been validated with QIAamp RNA Mini (QIAGEN) extraction kit and run in the Co-Dx Box instrument, for more information on other machines and extraction systems contact Co-Diagnostics, Inc.



CE IVD



**Logix Smart™ ZDC**

Compatible with multiple sample types

Contains a simple and streamlined work flow

Includes internal control to verify sample quality

Includes positive control

Produces results that are easy to interpret

Compatible with multiple platforms & sample extraction techniques

### Vector Control

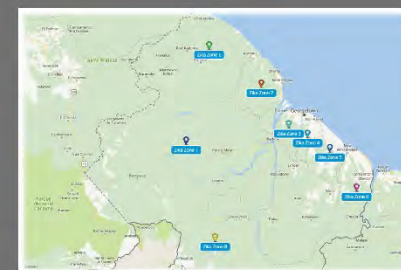
VECTOR CONTROL PROGRAM  
BY CO-DIAGNOSTICS



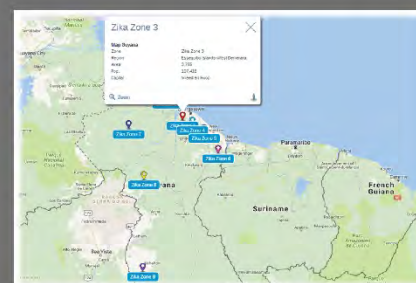
Real Time PCR mosquito testing for flavivirus  
Zika, Malaria, Dengue,  
Chikungunya & West Nile

How The Program Works

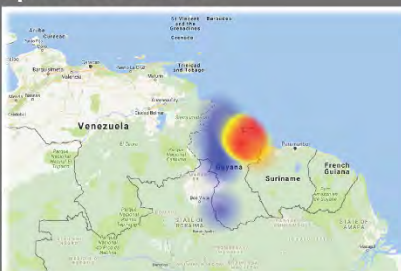
Divide region into zones



Zones are divided by:  
Region, Area & Population



Heat maps are produced to show what areas show positive cases



**Zika Virus Rapid Test™ KIT**

- Compatible with multiple sample types
- Contains a simple and streamlined work flow
- Includes internal control to verify sample quality
- Includes positive control
- Produces results that are easy to interpret

### Agriculture

**BHQplex CoPrimers:**  
ultimate flexibility for  
multiplex PCR



**Multiplex PCR with built-in flexibility**  
for assay interchangeability

**BIOSEARCH  
TECHNOLOGIES**  
GENOMIC ANALYSIS BY LGC

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# Contact Information

CONTACT US WITH ANY QUESTIONS OR THOUGHTS



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